Lancaster Farming

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In stray voltage case

PUC rules in favor of dairy farmers

BY SHEILA MILLER

STATE COLLEGE — The question of who is responsible for the stray voltage problem in Pennsylvania may have come one step closer to being answered recently when the Public Utility Commission reached a final decision on the cases of dairymen Larry Mills and Joel and Larson Wenger versus West Penn Power Company.

With a vote of 4-1 on Nov. 19, the PUC charged West Penn Power with refunding 75 percent of the costs incurred by the dairy farmers when they purchased and installed isolation transformers to correct their off-farm stray voltage problems.

Although a motion by PUC Commissioner Clifford Jones also had called for the West Penn Power to "establish necessary tariff rates, rules and regulations including a 25 percent contribution in aid of construction and minimum bill provision (revenue guarantee) that will enable the company to recover their investment in corrective equipment over the useful life of the property," this section was amended by Commissioner Michael Johnson to postpone the initiation of tariff rules and rates until a stray voltage survey is completed by July 31, 1983.

Although this is not termed a "landmark decision" by Mill's and Wengers' attorney, Louis T. Glantz, Esquire with S. Paul Mazza & Associates, he said the PUC's decision "clarifies the farmer's rights" in stray voltage cases and indicates that power companies are "at least partially responsible for correcting stray voltage."

"This will go a long way to eliminate the problem" of power companies refusing to install isolation transformers on farms affected by off-farm stray voltage, said an excited and surprised Glantz after learning of the PUC ruling. He added there is a good possibility that power companies may decide to pay for the total cost of isolation transformers at their wholesale rates rather than reimburse farmers who would have to purchase and install them individually at retail rates.

Glantz pointed out that some farmers may now have a chance to recover some of their damage costs that resulted from production losses and culled cows while stray voltage was tingling through their barns. But, he noted, damage suits are difficult to plead because of the problems involved in establishing the dollar amounts and who is at fault.

"There won't be thousands of these types of damage suits — maybe 10 or 20," predicted Glantz.

Both Glantz and the farmers he represented credited the support they received from farmers and farm organizations in playing a major role in this precedent-setting case. He noted especially the efforts by Pennsylvania Farmers' Association in working behind the scenes to inform PUC staff members about stray voltage and how devastating it is for farmers.

Glantz filed a formal complaint for his clients against West Penn Power with the PUC in March. Then came a May 6 hearing before Judge Edward R. Casey during which experts testified for both the farmers and the utility company.

Mills, the Wengers, and Glantz waited all summer for a decision on their case. Finally, on Sept. 14, Casey formally announced he had reached a decision — and dismissed the farmers' complaints "due to insufficient evidence."

After this surprising ruling, Glantz and clients appealed their case to the full PUC which overturned Casey's decision in favor of the farmers.

Despite his decision to dismiss the case, Judge Casey did recognize the importance of the action being taken by the three dairy farmers and commended them "for taking the initiative in bringing this problem of stray voltage to the attention of the Public Utility Commission. If the electric utility industry in Pennsylvania responds to the challenge (presented by stray voltage) in the way it should, any improvements in electrical service to dairy farmers in the future will be due in large measure to the efforts expended by these Complainants and their attorney."

Glantz termed the effort of Mills and the Wengers as "noble" and said the costs of bringing this case to the PUC far outweigh the benefits of even a 75 percent reimbursement. "Even if we would have lost," he said, "this case would have been a benefit to farmers just by letting them know where they stand."

When asked how he felt about the PUC's decision last month, Larry Mills of Clearville, Bedford County

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Soil Conservation Service Chief Peter Myers, center, left his Washington D.C. office on Wednesday and few to Pennsylvania to meet with the U.S. Dept. of Agriculture, Northeast state conservationists. During his visit, Myers announced a change in the guard within Pennsylvania's SCS staff — prsent state conservationist Graham T. Munkittrick, left, will be leaving for Washington as assistant chief on Dec. 12. He will be replaced by James Olson, right, who is presently working in the SCS national office.

Pa. gets new state conservationist

SHEILA MILLER

HARRISBURG — There'll be a new but familiar face in the state conservationist's chair in the U.S. Department of Agriculture's Harrisburg office of the Soil Conservation Service. Effective Jan. 24, 1983, James Olson will be replacing Graham T. Munkittrick as head of the federal conservation office here in Pennsylvania.

Olson is no stranger to Pennsylvania, having served as a district conservationist in Pittsburgh from 1969-71, Somerset from 1971-73; and as area conservationist in charge of the southeastern SCS field offices from 1973-76. Originally from North Dakota, Olson, who has been with SCS for 30 years, served as the "top legislative man" in SCS Washington D.C. headquarters since 1976.

The announcement of the change in SCS state conservationists came Wednesday morning, as the agency's chief administrator, Pete Myers, made his first visit to Pennsylvania to attend the meeting of the 14 Northeast state conservationists here at the Marriott.

An unplanned part of the morning press conference, Myers announced, "I'm going to steal your state conservationist, Grahm Munkittrick. As of today, he is being promoted to be one of the five assistant chiefs working on staff in Washington, D.C. He will hold a senior executive position with SCS, (effective Dec. 12)."

Myers added that Olson requested to return to Pennsylvania as state conservationist, considering it "a real challenge."

"We're getting an excellent man in Mr. Munkittrick in Washington ... you've losing a good man but you're getting a good man right back again," Myers remarked.

After Myers announced the shift in state conservationists, which he termed "appropriate," he discussed several programs that are making their debuts in the SCS job folders. The first to be discussed was the Resource Conservation Act, called RCA.

Myers reported that RCA officially has not been released, and that SCS is awaiting approval from the Office of Management and Budget on a transmittal letter

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Mushroom growers dealt blow

KENNETT SQUARE — American mushroom growers were dealt a decisive blow this week when U.S. Trade Ambassador William Brock announced President Reagan's decision refusing to restrict Chinese mushroom imports which continue to take their toll on the U.S. mushroom industry, having taken over more than 50 percent of the domestic market.

Recoiling from the shock of the Nov. 30 announcement, American Mushroom Institute's executive director Jack Kooker expressed his astonishment at the president's decision "against American agriculture."

Kooker explained that Reagan accepted the decision of the two members of the International Trade Commission who had ruled against a 21 million pound quota on imported mushrooms and an orderly marketing order on Sept. 30. Details of the split-decision 2-2 vote were reported in the Oct. 9, 1982 issue of **Lancaster Farming.**

Reagan's message to mushroom growers across the nation — that he believes imports from canned mushrooms are not disrupting trade in this country — may soon be bouncing off empty mushroom house walls, according to Kooker.

"We (AMI) put every effort into politicizing the president's decision," said Kooker, explaining that the mushroom industry's national organization made personal contacts with Congressmen, staff members of the White House and Cabinet members, plus encouraging the writing of letters by Pennsylvania's governor and secretary of agriculture.

"The president had the opportunity to go either way, but he decided against American agriculture," Kooker exclaimed. "It's unfortunate that two people can control the mushroom industry's fate and overrule the signatures of 125 Congressmen and 15 Senators who sent letters of quota support to the president."

Kooker expressed his belief that the two ITC members who voted

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Looking ahead to Farm Show

LANCASTER — Well, the 49th issue of the LANCASTER FARMING for 1982 is history today.

That means another year is rapidly drawing to a close. And the start of a new year heralds, among other things, another Farm Show.

Already, we're gearing up for the Farm Show Issue, which will be stretching the seams of your mailbox on Saturday, Jan. 8. Farm Show opens the following day, Sunday, Jan. 9, and continues to Friday, Jan 14.

So, advertisers and readers, get your material in to us early. The ad deadline is Thursday, Dec. 30, and the news deadline is Wednesday, Jan. 5. Contact LANCASTER FARMING, P.O. Box 366, Lititz, Pa 17543, or call 717-626-1164 or 717-394-3047.

Livestock market and auction news

Lancaster Market
Monday, Nov. 29
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	875	126	790	182
Last Monday	884	158	885	279
Last Year	784	139	1144	76
Monday's Auction	846	126	790	302
Last Monday's Auction	890	157	718	311

CATTLE: Compared to last Monday slaughter steers firm to 1.00 higher; slaughter heifers 1.00-2.00 higher; cows 1.00-2.00 higher; bullocks not fully tested; bulls 1.00-2.00 higher, extremes on yield grade 1 4.00 higher. Supply included 74% slaughter steers, 7% heifers, 15% cows, and 4% bulls.

SLAUGHTER STEERS: High Choice and Prime 2-4 1150-1850 lb. 62.00-63.25; Choice 2-4 1050-1375 lb. 60.50-62.50; high Good and low Choice 2-3 1000-1275 lb. 57.75-60.00, few head to retail outlets 59.75-62.75; Good 2-3 53.00-58.00; Good and Choice 1200-1450 lb. Holsteins 51.50-54.50; Standard 1-2 48.75-51.50.

SLAUGHTER HEIFERS: Choice 2-3 950-1050 lb. 57.00-59.50, several yield grade 2 60.00-61.75.

COWS: Utility and Commercial 1-3 39.50-41.50, few 41.50-43.75; Commercial 1-4 35.75-38.50; Cutter 1-3 37.50-39.75, few 40.75-42.75.

BULLOCKS: Few Choice 1075-1300 lb. 59.25-60.25; couple Good 1050-1200 lb. 52.00-56.50.

BULLS: Yield grade 1 1300-1700 lb. 62.75-67.00, few head 59.50-63.25; couple 2000-2325 lb. 50.00; yield grade 2 1000-1500 lb. 47.00-52.50.

VEAL CALVES: Vealers mostly steady. Demand fair for Holstein bulls to return to farm.

VEALERS: Prime special fed 270-350 lb. 100.00-112.00; Choice 150-225 lb. 100.00-110.00 few head 110-120.00; Choice 225-300 lb. 90.00-102.00; high Good and low Choice 180-200 lbs. 70.00-90.00, 80-110 lb. 40.00-60.00.

SLAUGHTER CALVES: Few Choice 180-325 lb. 55.00-65.00, couple to 75.00.

RETURNED TO FARM: Few 90-120 lb. Holstein bulls 60.00-75.00.

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 higher.

BARROWS AND GILTS: US 1-2 200-245 lb. 59.00-59.50, few 59.00-59.25; US 1 200-245 lb. 59.75-60.00, few 60.00-60.50; US 1-3 230-270 lb. 57.25-58.50.

SHEEP: Wooled lambs steady; slaughter ewes firm to 3.00 higher.

WOOLED LAMBS: Choice and Prime 85-120 lb. 63.00-67.00; Choice 75-100 lb. 47.00-53.00, few 45-70 lb. 50.00-60.00.

SLAUGHTER EWES: Utility and Good 18.00-25.00.

COWS: All goats sold by the head, mainly 25.00-35.00.

Vintage Auction
Tuesday, Nov. 30
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1002	952	10	17
Last Tuesday	841	1173	19	8
Last Year	608	815	11	

CALVES: Compared to last Tuesday slaughter steers uneven, few sales high Choice and Prime steady; Good to average Choice 50 to mostly 1.00 higher; slaughter heifers not fully tested; cows firm to 50 higher; small supply bulls fully steady. Supply included 54 percent slaughter steers and 41 percent cows.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1425 lb. 63.00-64.00; Good and Choice 1-3 1175-1375 lb. 60.50-65.50; Choice 2-4 1050-1450 lb. 61.00-63.75, few 60.50-61.00; high Good and low Choice 2-3 1050-1400 lb. 58.50-61.00; Good 2-3 55.25-58.50; Good and Choice 1250-1600 lb. Holsteins 51.50-53.00; Standard 1-2 49.00-51.00.

SLAUGHTER HEIFERS: Few Choice 2 925-1050 lb. 59.00-60.00.

COWS: Utility and Commercial 1-3 39.50-42.75, few 43.00-43.25; Cutter 1-2 37.50-40.50, few 41.00-42.75; Canner and low Cutter 33.75-36.00.

BULLS: Yield grade 1 1300-2000 lb. 52.00-54.10.

VEAL CALVES: Vealers weak to 5.00 lower, although Choice and Prime not fully tested. Supply included 538 in graded sale of which 75 percent sold to return to farm.

VEALERS: Few Choice 175-250 lb. 97.00-103.00; high Good and low Choice 140-170 lb. 64.00-80.00, 120-140 lb. 52.00-65.00, 80-110 lb. 41.00-52.00, 60-80 lb. 39.00-45.00.

RETURNED TO FARM: 40 head 100-115 lb. Holstein heifers 76.00-78.00; 25 head 90-95 lb. 70.00; one lot 60-65 lb. 60.00; and 10 head small frame 100 lb. 60.00. Bulk 100-125 lb. Holstein bulls 74.50-80.50; with 90-95 lb. 71.00-78.50; 15 head small frame 110-125 lb. 69.00-74.00 and small frame 100-105 lb. 52.00-54.50.

SHEEP: Insufficient volume for a market test; few Good and Choice 65-85 lb. wooled lambs 40.00-45.00 and few Utility slaughter ewes 18.00-28.00.

GOATS: All goats sold by the head, mainly 1[illegible] 00-28.00.

Lancaster Auction
Wednesday, Dec. 1
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	311	53	655	5
Last Wednesday	318	95	358	6
Last Year	382	88	1120	2
Wednesday's Auction	352	52	627	3
Last Wednesday's Auction	98	35	316	0

CATTLE: Compared to Monday slaughter steers mostly steady; slaughter heifers steady; cows steady; bulls 1.00-2.00 lower. Supply included 42 percent slaughter steers, 11 percent slaughter heifers, 38 percent cows, and 14 percent bulls.

SLAUGHTER STEERS: Choice 2-4 1100-1400 lb. 60.00-62.00, few 62.25-63.00; high Good and low Choice 2-3 1000-1400 lb. 58.25-60.00; Good 2-3 850-1100 lb. 56.50-58.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lb. 55.00-57.75, couple yield grade 2 58.75-61.25; Good 2-3 49.75-54.75.

COWS: Utility and Commercial 1-3 39.00-43.00, few 43.50-44.50; Cutter 1-2 37.50-40.50; Canner and low Cutter 34.00-37.00.

BULLOCKS: Good 1000-1350 lb. 47.00-51.00.

BULLS: Yield grade 1 1350-1850 lb. 49.00-51.50, couple 52.25-53.75; yield grade 2 1000-1500 lb. 45.00-48.50.

VEAL CALVES: Small supply vealers and slaughter calves steady.

VEALERS: High Good and low Choice 80-110 lb. 40.00-52.00; couple Choice 110-130 lb. 60.00.

SLAUGHTER CALVES: Few Good 250-300 lb. 42.00-45.00.

RETURNED TO FARM: Few 95-110 lb. Holstein bulls 55.00-65.00.

HOGS: Compared to Tuesday barrows and gilts 1.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 55.00-56.00 US 1 205-240 lb. 56.50-57.50, few 58.00 US 1-3 230-255 lb. 54.50-55.00 250-270 lb. 52.00-53.50.

SHEEP: No market test.

New Holland Livestock
Thursday, Dec. 2

CATTLE: 1021. Trend not comparable, no market last Thursday because of holiday. Fairly good demand for all classes, although best demand for average Choice to Prime slaughter steers. Supply included 41 percent slaughter steers, 5 percent slaughter heifers, 42 percent cows, 7 percent bulls and 5 percent feeders.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1225-1375 lb. 63.75-63.75; Good and Choice 1-2 1075-1425 lb. 61.50-63.00, couple 63.50-64.00; Choice 2-4 1050-1400 lb. 60.50-61.50, few 62.50-63.00; Good and Choice 2-3 1000-1375 lb. 57.75-60.75; Good 2-3 54.00-57.50; Good and Choice 1175-1375 lb. Holsteins 51.50-53.75, couple 54.00-55.00; Standard 1-3 48.50-51.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lb. 55.00-58.50, few yield grade 2 58.75-60.25; Good 2-3 800-1025 lb. 52.00-55.75.

COWS: Utility and Commercial 1-3 38.75-41.25, few 41.50-42.75; Commercial 2-4 36.00-38.50; Cutter 1-3 37.50-40.00, few 40.00-41.25; Canner and low Cutter 33.75-37.50.

BULLOCKS: Few Choice 1050-1250 lb. 58.50-59.75, couple Good 1000-1250 lb. 50.75-55.00.

BULLS: Yield grade 1 1400-2100 lb. 51.00-54.75, couple 1650-1795 lb. 58.00; Yield grade 2 1000-1850 lb. 48.00-51.00.

VEAL CALVES 660: Good demand for all classes, supply included few Choice and Prime 220-300 lb. although bulk of supply 80-120 lb. calves.

VEALERS: Few Choice and Prime 220-300 lb. 108.00-115.00; Choice 180-200 lb. 90.00-100.00; high Good and low Choice 220-320 lb. 80.00-85.00, 140-200 lb. 85.00-75.00, 80-140 lb. 48.00-55.00, few 58.00-56.00, 60-80 lb. 39.00-48.00.

RETURNED TO FARM: Bulk 95-115 lb. Holstein bulls 64.00-75.00, few 75.00-84.00; bulk 85-90 lb. 55.00-65.00.

SHEEP 85: Supply mainly 60-90 lb. wooled lambs with a few slaughter ewes.

WOOLED LAMBS: Choice 75-95 lb. 49.00-54.00; Good 55-70 lb. 45.00-51.00.

SLAUGHTER EWES: Few Utility and Good 18.00-25.00.

GOATS: 24. All goats sold by the head, mainly 25.00-40.00, five head 49.00-57.00.

Lancaster Co. Weekly
Friday, Dec. 3

	Cattle	Calves
This Week	2800	1800
Last Week	2111	1838
Last Year	2894	1748

CATTLE: Slaughter steers firm to 1.00 higher; slaughter heifers .50 to mostly 1.00 higher; cows firm to .50 higher, instances 1.00 higher; bullocks fully steady; bulls 1.00-2.00 higher, extremes on yield grade 1 4.00 higher. Supply included 44% slaughter steers, 4% slaughter heifers, 37% cows, 5% bulls; balance feeders, many held for Friday's auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lb. 62.50-64.00; Good and Choice 1-3 62.50-64.00, few 64.50-65.25; Choice 2-4 1050-1450 lb. 60.50-62.50, few 62.75-63.75; high Good and low Choice 2-3 1000-1400 lb. 57.75-61.00; Good 2-3 54.00-58.50; Good and Choice 1200-1600 lb. Holsteins 51.50-54.50, couple 54.50-55.00; Standard 1-3 48.50-51.50.

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WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
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New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Westminster Feeder Pigs

Friday, Nov. 26
Report supplied by auction

1044 Pigs: Bidding Active! Large Crowd! Prices fully steady to $5.00 higher. All pigs weighed on arrival and sold by the pound.

#1 & 2: 260 head 30-46 lbs. 125.00-135.00; 220 head 42-57 lbs. 101.00-120.00; 149 head 61-69 lbs. 96.00-102.00.

US #1: 149 head 60-64 lbs. 104.00-112.00.

US #1 & 2: 88 head 71-79 lbs. 90.00-98.00; 14 head 87-90 lbs. 87.00-90.00.

US #2: 87 head 35-44 lbs. 102.00-119.00; 34 head 42-64 lbs. 77.00-[illegible]00.

US #2 & 3: 39 head 25-37 lbs. 77.00-92.50.

Lancaster Feeder Pigs

Tuesday, Nov. 30
Report supplied by USDA

Today	1200
Last Tuesday	794
Last Year	1037

TRENDS: Compared to last Tuesday feeder pigs firm to 5.00 higher, instances 10.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 91 head 29-39 lb. 136.00-143.00.; 340 head 40-49 lb. 122.00-140.00; 191 head 50-59 lb. 115.00-127.00; 112 head 60-69 lb. 102.00-111.00; 16 head 70-82 lb. 91.00-99.00; 7 head 79-80 lb. 79.00-80.00;

US 2: 21 head 46-47 lb. 108.00-113.00; 52 head 50-55 lb. 103.00-111.00; 14 head 60-67 lb. 94.00-102.00.

US 2-3: 38 head 30-39 lb. 124.00-[illegible]3.00; 48 head 40-49 lb. 100.00-121.00; 27 head 51-57 lb. 90.00-109.00; 42 head 60-65 lb. 81.00-99.00; 12 head 78-85 lb. 70.00-76.00.

US 3: 50 head 34-39 lb. 117.00.

New Holland Feeder Pigs

Wednesday, Dec. 1
Report supplied by USDA

Today	680
Last Wednesday	727
Last Year	784

TREND: Compared to last Wednesday feeder pigs firm to 3.00 higher, instances 15.00 higher on US 1-2 25-40 lb. All pigs weighed on arrival and sold by the hundredweight.

US 1-2: 52 head 23-30 lb. 155.00-164.00; 103 head 31-40 lb. 135.00-151.00; 119 head 41-50 lb. 116.00-129.00; 137 head 51-60 lb. 97.00-112.00; 29 head 72 lb. 100.00.

US 2-3: 61 head 26-40 lb. 116.00-133.00; 70 head 41-52 lb. 90.00-118.00. 20 head 47 lb. 134.00. 14 head 60 lb. 111.00.

Indianapolis Hogs

Thursday, Dec. 2
Report supplied by USDA

Barrows & gilts active, under 250 lb. 50 higher. US 1-2 210-250 lbs. 56.00-56.50.

SOWS: Fairly active, 50-1.50 lower. (5%) US 1-3 350-470 lb. 45.00-45.50 540-580 lb. 46.50-47.50 Couple lots Over 600 lb. 48.50.

BOARS: 200-400 lb. 40.00-43.00.

Lancaster Hogs

Tuesday, Nov. 30
Report supplied by USDA

TODAY	559
LAST TUESDAY	360
LAST YEAR	341

TREND: Compared to Monday barrows and gilts 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 205-245 lb. 56.00-56.85, US 1 205-250 lb. 57.50-58.75. US 1-3 220-260 lb. 55.25-55.75. Around 75 head 195-205 lb. 53.50-54.25. US 2-3 270-275 lb. 53.00-53.50.

Vintage Hogs

Vintage Sales Stables
Saturday, Nov. 27
Report supplied by auction

1 & 2, 205-235 lbs. 57.00-58.00; 2 & 3's, 200-245 lbs., 56.00-57.00; Sows, 300-500 lbs., 47.00-50.50; Boars; 300-500 lbs. 45.00-50.75.

Wednesday, Dec. 1

1 &2's, 205-235 lbs., 55.50-57.00; 2 & 3's, 200-245 lbs., 54.00-55.50; Sows, 300-500 lbs, 47.00-48.00; Boars, 300-500 lbs. 43.00-44.00.

New Holland Hogs

Monday, Nov. 29
Report supplied by USDA

Today	1210
Last Monday	1407
Last Year	1095

TREND: Compared to last Monday barrows and gilts very uneven, few early sales 50-1.00 higher, with sales working progressively higher with bulk of later sales 2.00-2.25 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 59.00-59.75,Few early sales 57.35-58.00. US 1 210-240 lb. 59.75-60.10.

Peoria Hogs

Thursday, Dec. 2
Report supplied by USDA

3000 - Barrows & gilts moderately active, fully steady. US 1-2 200-250 lb. 55.00-55.50, 300 head 55.75-56.00. US 1-3 200-250 lb. 54.50-55.00.

SOWS: Mostly steady, instances 50 higher. (13%) US 1-3 350-500 lb. 46.00-46.50; 500-650 lbs. 46.00-47.00, mostly 47.00, mostly 46.50.

Daily distributive less than carlot meat trade in area - compared to early Wed: Choice 3 steer beef steady. Prime special fed veal steady; Good & Choice boning veal steady. Lamb steady.

Steady Beef

All yield grade 3 & all weighing 500-800 lb. Prime 109-113; Choice 103-108; Good 101-103. Veal Carcass - Hide on (Some carlot sales included): Prime special Fed Kshr & Non Kshr 180-250 lb. 160-166 - steady Good and Choice Boning Veal - Northeastern suppliers - steady 65-75 lb. 76.00-78.00; 55-64 lb. 74-76; 45-54 lb. 72.00-74.00; 35-44 lb. 70.00-72.00; 34 lb. down 68.00-70.00.

Lamb

Choice & Prime 3-4 55/dn lb. 123-128 - steady.

Omaha Cattle

400 Not enough slaughter steers or heifers for a market test; cows steady 1.00 lower. Slaughter steers: *no quotas.*

Cows: High Cutter and Utility and Commercial 33.00-36.00; Cutter 32.00-34.00; canner and low cutter 31.00-32.00.

For the week: slaughter steers & heifers 50 higher; cows steady 50 higher; bulls steady.

St. Louis Hogs

Thursday, Dec. 2
Report supplied by USDA

4500 - Barrows & gilts fairly active, 50-1.00 higher.

US 1-2 200-240 lb. 55.50-55.75, latter price to fill CME orders. 240-250 lb. 55.00-55.50; US 1-3 230-250 lb. 54.00-55.00; 250-270 lb. 53.00-54.00.

SOWS: Steady 1.00 lower. (8%) US 1-3 300-650 lb. 45.50-46.00.

BOARS: Over 260 lb. 45.50-46.00; 200-260 lb. 48.00-48.50.

U.S. Inspected Livestock Slaughter

Thursday, Dec. 2
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	538,000	46,000	1,302,000	107,000
Last Week	406,000	34,000	1,001,000	79,000
Last Year	494,000	45,000	1,440,000	99,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday, Dec. 2)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.				172.40
Jan.			5.66¼	
Mar.	2.36¾	3.40	5.75	172.80
May	2.43½	3.46¾	5.83½	173.30
July	2.49¾	3.45¾		

Trend - Corn is lower, Wheat is lower, Soybeans are lower, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Wednesday, Dec. 1)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Feb.	56.85	57.42	
Apr.	57.30	54.00	6.74
June	59.60	54.65	

Trend - Cattle are lower, Hogs are lower. Potatoes are higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

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CARLISLE
GRADING
8:00 A.M. - 12 NOON
FRIDAY, DEC. 10 1:30 P.M.
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on December 16, 1982
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for more details

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Tuesday, December 7 at 1 P.M.

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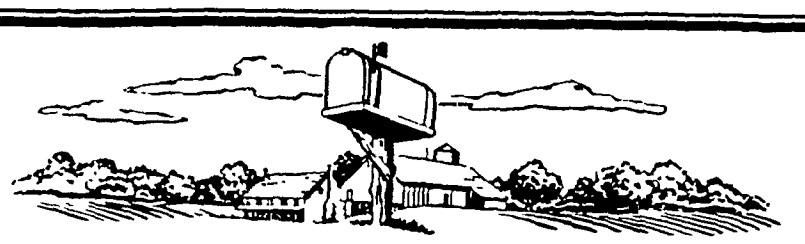

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Poultry Markets

N. E. Weekly Shell Egg Report

Tuesday, Nov. 30
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	89-97	80-93	73-81	48-53
Mostly	93-95	90-91	77-79	51-52
N. HAMP.	78-85	75-82	62-69	39-46
Mostly	80-82	77-78	64-66	41-43
R.I.	83-89	82-86	67-73	43-49
Mostly	83-84	80-81	67-68	43-44
VERMONT	90-1.00	84-98	75-84	–
Mostly	94-96	89-91	78-80	–
MAINE	85-89	82-86	69-73	46-50

X Includes Central and Western Sections only.

Weekly New York Egg Market

From Friday, Nov. 26 to Dec. 2

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	76	74	72	72	72
Ex Large	71	69	67	67	67
Large	68	66	64	64	64
Mediums	58	56	54	54	54
Pullets	47	46	44	44	44
BROWN					
Jumbo	–	–	–	–	–
Ex Large	91	89	87	87	87
Large	86	84	82	82	82
Mediums	65	63	61	61	61
Pullets					
Peewees	Unquoted				
Off Grade					
Large	57	55	53	53	53
Checks	25	25	25	25	25

Breaking Stock - Friday 9.60-9.90. Monday 9.60-9.90, Tuesday 9.60-9.90, Wednesday 9.60-10.20. Thursday - 9.90-10.50

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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 30 Tuesday	Dec 2. Thursday
Class 1 - Large	48 lbs.	49	45
Class 2 - Large	45 lbs.	46	44
Class 3 - Medium	42 lbs.	43½	42
Class 4 - Small	39 lbs.	37½	31½
Breaking Stock	48 lbs.	35	34
Checks	48 lbs.	30½	30

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New York Multiple Drop Broiler

Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 41-43; 42-36 # box 1,450.

WTD. AVG.: U.S. Grade A 43.50-45; 44.76 # box 8,911.

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- Please come and give us a chance to continue doing business with you through this method.

FOR INFORMATION CALL
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Heinsey's Poultry

Root's East Petersburg
Tuesday, Nov. 30
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 80-98 per lb.

MUSCOVY DUCKS, HENS: Range 60-76 per lb.

PEKIN DUCKS: range 30-42 per lb.

RED FOWL: 4-5 lbs. range 12-20 per lb.

RED FOWL: 5-6 lbs. range 20-32 per lb.

CROSSBRED FOWL: 6-9 lbs. range 22-36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range 40-56 per lb.

CROSSBRED ROOSTERS: 7-11 lbs. range 30-50 per lb.

GUINEA FOWL: range 1.15-1.62 per lb.

BANTY ROOSTERS: range 75-2.50 ea.

BANTY HENS: range 25-85 cents ea.

GEESE: 9-15 lbs. range 40-88 per lb.

PIGEONS: range 85-1.25 ea.

WHITE PIGEONS: range 1.50-1.85 ea.

RABBITS: 4-6 lbs. range 70-1.04 per lb.

RABBITS: 7-11 range 50-82 per lb.

GUINEA PIGS: range 25-75 cents ea.

GOATS: range 22.50-55 ea.

TOTAL AMOUNT COOPS: 649.

20-32 Leghorn roosters; 2-7 cents Leghorn hens.

Eastern Pa. & N.J. Poultry

Report supplied by USDA

MARKET COMMENT: Prices unchanged to lower. Carton egg demand is fair over all. Only occ price are generally 1 cent lower for next weeks' arrivals. Farm offerings fully adequate, although increasing in face of declining egg values. Undertone weak and unsettled.

PRICES PAID AT FARM: Light type hens: 10-20. F.O.B. Plant: 12-13, mostly 13.

Delmarva Poultry

Report supplied by USDA

MARKET COMMENT: Ready to cook movement on whole birds is fair-but disappointing especially in view of early expectations. Legs & wings have slowed down and are not clearing as before, breast & cutlets are in satisfactory balance. Advance interest is important but spotty.

Today's L.T.L. asking prices unchange on U.S. Grade A at 41-45 cents. But those plants which have excess products must discount it to move it. Slaughter schedules are moderately heavy at generally heavier than desired weights. Live supplies are fully adequate to ample. Undertone steady.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1783; Average Weights 4.36.

Lancaster Weekly

(Continued from Page A2)

SLAUGHTER HEIFERS: Choice 2-3 850-1050 lb. 55.00-59.00, few yield grade 2 59.00-61.75; Good 2-3 800-1025 lb. 52.00-55.75.

COWS: Utility and Commercial 1-3 38.75-42.00, several early part of week 42.50-44.00; Cutter 1-2 37.50-40.50, few 40.50-42.75; Canner and low Cutter 33.75-37.50.

BULLOCKS: Choice 1050-1300 lb. 56.50-58.75, few 59.00-60.25; Good 1000-1250 lb. 50.75-56.00.

BULLS: Yield grade 1 1300-2100 lb. 51.00-57.00, few 57.50-63.25; yield grade 2 1000-1500 lb. 46.00-52.00.

VEAL CALVES: Vealers mostly steady, although high Good and low choice 80-115 lb. weak to 3.00 lower. Demand good for calves to return to farm.

VEALERS: Prime special fed 270-350 lb. 100.00-115.00; Choice 150-225 lb. 100.00-110.00, few head 110.00-120.00; Choice 225-300 lb. 90.00-102.00; high Good and low Choice 160-280 lb. 70.00-90.00, 120-160 lb. 52.00-70.00, 80-115 lb. 42.00-53.00, 60-80 lb. 39.00-43.00.

SLAUGHTER CALVES: Few Choice 180-325 lb. 55.00-65.00.

RETURNED TO FARM: Bulk 100-115 lb. Hosltein heifers 75.00-80.00; few 90-95 lb. 70.00; several 80-85 lb. 50.00-60.00. Bulk 95-115 lb. Hosltein bulls 65.00-80.00, few 80.00-85.00; several 80-90 lb. 55.00-65.00.

Joliet Cattle

Thursday, Dec. 2

CATTLE: Friday through Wednesday's salable receipts 4,600; 4 days last week 2,646. Same period a year ago 5,449. Trading slow for the week. Slaughter steers ended the week mostly 1.00 lower. Slaugther heifers closed the week 50 to 1.00 lower. Cows closed the week 1.00-2.00 higher.

SLAUGHTER STEERS: Mixed high choice and prime 3-4 1200-1350# 58.50-60.50 Monday; 58.50-59.50 Wednesday; Mostly 4 few 5 1200-1350# 57.00-58.50 Wednesday. Choice 2-4 1100-1350# 57.50-59.00 Monday; 57.50-59.25 Wednesday. Mixed good and choice 2-3 1000-1200# 56.50-57.50. Package good 2 1400# Holsteins 50.00 Wednesday.

SLAUGHTER HEIFERS: Mixed choice and prime 3-4 1000-1200# 57.50-Monday; 56.00 Wednesday, couple loads mostly 4 1000-1100# 56.00 Wednesday; few packages 4 to 5 1000-1100# 53.00-54.00 Wednesday. Choice 2-4 900-1100# 55.50-57.00 Monday; 56.00-57.00 Wednesday. Mixed good and choice 2-3 850-1000# 54.50-56.50.

COWS: UTILITY & COMMERCIAL 1-3 32.00-34.50 Monday; 33.00-36.00 Wednesday. Boning Utility 1-2 34.00-36.00; 35.00-37.00 Wednesday. Cutter 1-2 30.00-34.00 Monday; 31.00-35.00 Wednesday. Canner and Low Cutter 1-2 28.00-31.00.

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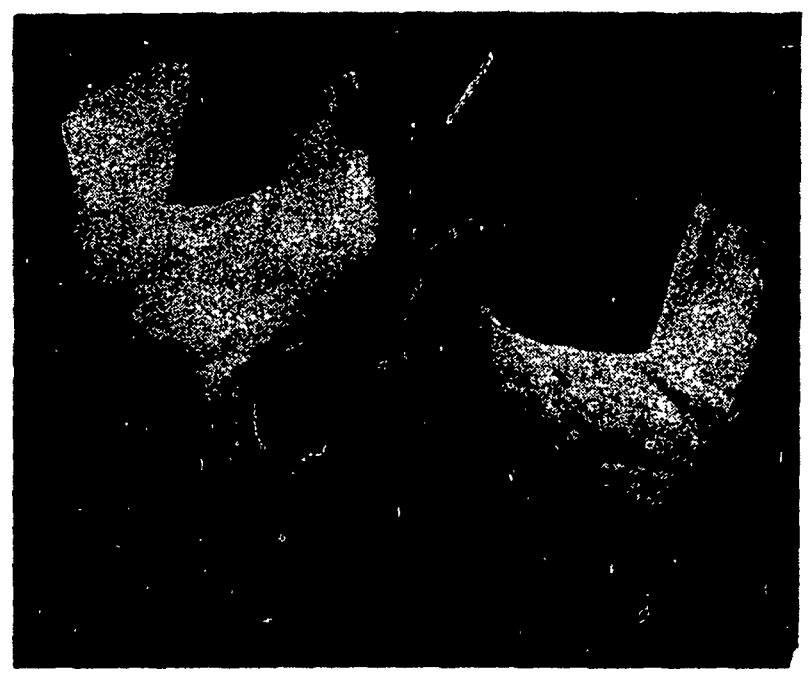

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* Prices effective Nov. 22, 1982 and subject to change with grain markets.

Livestock market and auction news

Hay Markets

New Holland Hay
Monday, November 29

100 loads. Alfalfa choice, 125-141; medium, 105-125; few loads off-color 80-100. Mixed, choice alfalfa and timothy, 125-150; choice clover and timothy, 100-125; medium, 90-100; off-color, 70-90. Clover, 82-107; Timothy choice, 91-112; meadow grass, 65-87; straw, mostly 65-75; one load, 86; some dark color, 56-65. Ear corn, new, 55-71; corn fodder, 40-49; Soybean stalks, 42.

Good's Hay
Leola, Pa.
Wednesday, Dec. 1

26 loads of mixed hay, 65-152; 6 loads of corn, 60-79; 6 loads of timothy, 86-113; 7 loads of alfalfa, 81-138; 9 loads of straw, 50-90; 2 loads of corn fodder, 45-50; one load clover, 83.

Belleville Hay
Belleville, Pa.
Tuesday, Nov. 23
Report supplied by PDA

11 loads hay and 2 loads straw
Alfalfa 92.00-137.50; Mixed hay 50.00-85.00; Straw 63.00 and 66.00.

Frederick Hay Market
Frederick Co., Md.
Thursday, Dec. 2

22 loads.

Stubble hay, 49.00-51.00; Straw, 57.00-79.00; Alfalfa, 83.00-160.00; Timothy, 64.00-118.00; Alfalfa and Orchard Grass, 109.00; Clover and Timothy, 100.00-103.00; Brone Grass, 89.00; Firewood, 28.00-66.00.

Regional Hay
Friday, Nov. 26
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay and Straw steady to $5 higher.

Alfalfa 95.00-130.00; Mixed hay 80.00-100.00; Timothy hay 75.00-90.00; Straw 50.00-60.00, few 70.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Nov. 26
Report supplied by PDA

82 loads hay and 21 loads straw.

Alfalfa 91.00-13.00; Mixed hay 78.00-128.00, few down to 70.00; Timothy hay 75.00-117.00; Clover, 2 loads 95.00 and 97.00; Orchard Grass, one load at 94.00; Straw 50.00-90.00, mostly 60.00-85.00; Ear Corn, 7 loads 65.00-76.00; Corn Fodder, 2 loads at 49.00; Oats, one load $1.95 per bushel.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Dec. 1
Report supplied by auction

Alfalfa 108-162; Mixed 80-171; Clover 98-111; Two pickup load of straw 72 & 72.50; one load Firewood 27.50.

Keisters Hay Market
Wednesday, Dec. 1

13 loads of hay
Timothy, 75-85; Mixed Hay, 80-150; Alfalfa, 100-145; Straw, 63-66.

Vintage Hay
Thurs., Dec. 2

12 loads. Alfalfa 120.00-147.50; Timothy 100.00-109.00; Mixed Hay 86.00-95.00; Corn Fodder 49.00-58.00.

Pa. Grain
Monday, Nov. 29
Report supplied by PDA

Many reporters closed today due to the first day of deer season. Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn, Barley & Oats steady. Wheat steady to 10 cents higher. New Ear Corn steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.34-2.60, average 2.46, New Crop 2.61; Wheat No. 2 range 3.09-3.55, average 3.29, New Crop 3.30-3.48; Barley No. 3 range 1.80-2.00, average 1.89; Oats No. 2 range 1.60-1.85, average 1.73; Soybeans No. 1 5.25-5.50, average 5.39; Grain Sorghum No. 2 range 1.90, average 1.90; Buckwheat range 9.80, average 9.80; New Ear Corn range 49.00-65.00, average 57.50.

Central Pa.

Corn No. 2-y range 2.20-2.55, average 2.42; Wheat No. 2 range 2.85-3.20, average 3.03; Barley No. 3 range 1.60-1.80, average 1.74; Oats No. 2 range 1.40-1.55, average 1.49; Grain Sorghum No. 2 range 2.45, average 2.45; Buckwheat range 10.00, average 10.00; Old Ear Corn range 60.00-70.00, average 66.00; New Ear Corn range 45.00-54.00, average 49.10.

South Central Pa.

Corn No. 2-y range 2.20-2.45, average 2.29; Wheat No. 2 range 2.85-2.95, few reported 3.40, average 3.00; Barley No. 3 range 1.70-1.80, average 1.77; Oats No. 2 range 1.60-1.80, average 1.65; New Ear Corn range 44.00-60.00, average 52.50.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.20-2.60, average 2.41; Wheat No. 2 range 2.90-3.36, average 3.15; Barley No. 3 range 1.70-1.95, average 1.79; Oats No. 2 range 1.40-1.65, average 1.59; New Ear Corn range 45.00-64.00; average 52.86.

Western Pa.

Corn No. 2-y range 2.20-2.35, few reported 2.50, average 2.32; Wheat No. 2 range 2.80-3.00, average 2.90; Barley No. 3 range 1.80-1.85, average 1.83; Oats No. 2 range 1.40-1.65, average 1.53; Buckwheat range 9.00, average 9.00; New Ear Corn range 60.00, average 60.00.

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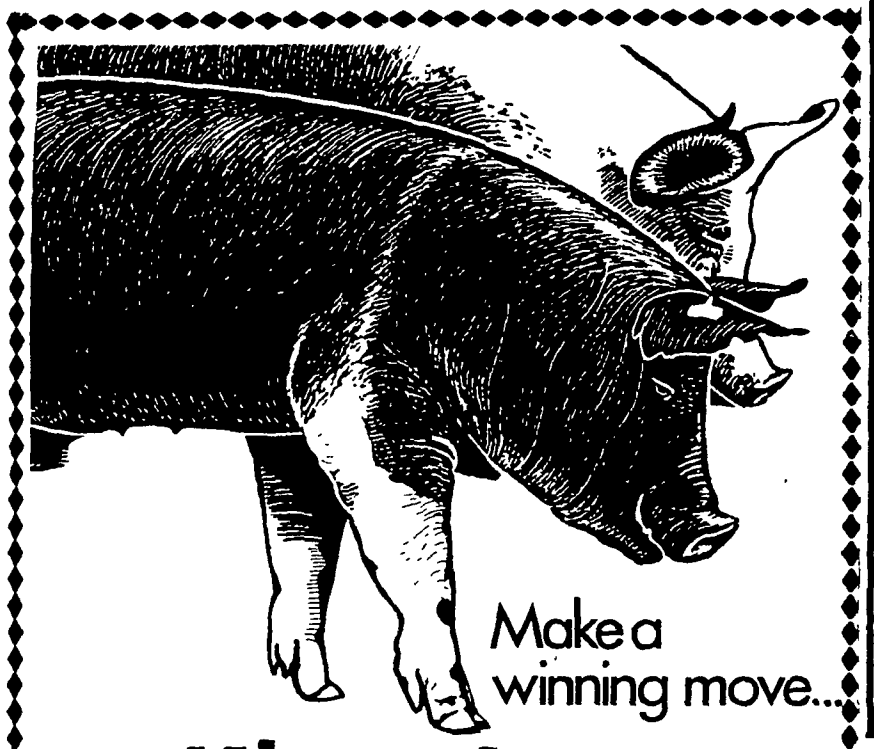
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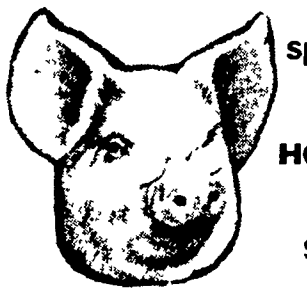

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Livestock market and auction news

Eighty-four Livestock Auction

Eighty-four, PA
November 29, 1982
Report supplied by PDA

CATTLE 310: Compared with last Monday's market, slaughter cows 50 cents to $1 lower. Few Choice slaughter steers 57.00-58.00, Good 52.00-57.00, Standard 44.00-50.00, Utility 40.00-43.00. Few Good slaughter heifers 51.00-54.50, Standard 43.00-47.00, Utility 37.50-41.00. Utility & Commercial slaughter cows 36.00-40.00, few 41.00, Commercial No. 4-5 35.00-38.75, Cutters 34.00-36.50, Canner & Low Cutter 28.00-34.50, Shells down to 17.00. Few Yield Grade #1 1000-1600 lbs. slaughter bulls 44.00-47.00. Medium Frame #1 300-500 lbs. feeder steers 55.00-60.50; Small Frame #1 300-400 lbs. feeder heifers 41.25-46.00; Medium Frame #1 350-600 lbs. feeder bulls 50.00-55.00.

CALVES 260: Choice vealers 80.00-90.00, Good 68.00-80.00, Standard & Good 90-120 lbs. 46.00-55.00, 60-85 lbs. 40.00-48.00, few Utility 80-115 lbs. 20.00-37.00. Farm calves, holstein bulls 90-125 lbs. 58.00-74.

HOGS 87: US No. 1-2 200-260 lbs. barrows & gilts 54.00-55.50, No. 1-3 230-265 lbs. 52.25-53.40. Couple US No. 2-3 330 lbs. sows 48.00. Boars 35.00-41.75.

FEEDER PIGS 7: Few US No. 1-3 40-70 lbs. feeder pigs 27.00-37.00 per head.

SHEEP 91: Wooled slaughter lambs steady to strong. Choice 65-95 lbs. wooled slaughter lambs 52.00-55.00, Good 75-85 lbs. 50.00-52.50, Good 60-65 lbs. feeder lambs 50.00-52.75. Slaughter sheep 14.00-18.00.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, Nov. 30
Report supplied by the auction

CATTLE 249. High Choice & Prime slaughter steers 58.00-61.60, Choice 57.00-61.25, Good 55.00-57.00, Standard 52.00-55.00, Utility 48.00-52.00. Choice slaughter heifers 55.00-56.75, Good 52.00-55.00, Standard 48.00-52.00, Utility 42.00-48.00. Utility & Commercial slaughter cows 38.00-43.25, few to 44.35, Cutters 35.00-41.75, Canner & Low Cutter 32.00-35.00, Shells down to 28.00. Good slaughter bullocks 48.00-49.50. Yield Gradef #1 1200-1895 lbs. slaughter bulls 48.00-50.35; yield grade #2 900-1200 lbs. 44.00-48.00.

CALVES 144. Prime vealers 102.00-104.00, Choice 85.00-100.00, Good 75.00-85.00, Standard & Good 90-110 lbs. 55.00-81.00, 70-90 lbs. 35.00-55.00. Farm calves, holstein bulls 90-120 lbs. 60.00-82.50.

HOGS 96. US No. 1-2 210-235 lbs. barrows & gilts 56.50-57.75, No. 1-3 200-275 lbs. 53.75-56.00. US No. 1-3 sows 46.00-50.75. Boars 44.00-47.75.

FEEDER PIGS 66. US No. 1-3 10-20 lbs. feeder pigs 20.00-35.00 per head, No. 1-3 20-40 lbs. 35.00-48.00 per head.

SHEEP 3. No market test.

Carlisle Auction

Carlisle, Pa.
Tuesday, Nov. 30
Report supplied by auction

CATTLE: Steers were steady, Cows were steady, Bullocks were steady and Bulls were 5.00 higher! Steers: Low Choice 56.75-58.25; Good 50.25-55.00; Standard 48.25-51.00; Utility to 42.50. Heifers: Standard and Good 38.00-48.00 (Light Run). Cows: Utility & Commercial 38.00-41.85; Cutter 36.50-39.00; Canner & Low Cutter 33.85-36.00; Shells 32.50 down. Bullocks: No Choice or Good offered; Standard 49.50-50.00. Bulls: No Yield Grade No. 1's offered; Yield Grade No. 2, 49.25-49.50.

FEEDER CATTLE: Steers were 4.00 lower; Heifers were 5.00 higher and Bulls were steady to uneven. Steers: Good 305-395 lbs. 50.00-50.50; Medium 370-465 lbs. 43.00-44.00; Medium 615-630 lbs. 36.50-41.00. Heifers: Medium 330-410 lbs. 36.00-37.50; Medium 435-550 lbs. 39.00-40.00; Medium 625-725 lbs. 38.00-41.00. Bulls: Good 290-350 lbs. 47.50-49.00; Medium 390-410 lbs. 33.00-40.00; Medium 515-630 lbs. 42.50-43.00; Medium 685-825 lbs. 42.00-43.50.

CALVES: Vealers were 7.00 higher; Back to the Farm Calves were 4.00 higher for Hol. Bulls and 21.50 higher for Hol. Heifers. Vealers: Choice 73.00-85.00; Good 60.00-72.00; Standard and Good 50.00-65.00; Light and Weak 50.00 down. Farm Calves: Hol. Bulls 70.00-79.00; Hol. Heifers 75.00-99.00.

HOGS: .60 higher! US No. 1-2, 54.75-56.60; US No. 1-3, 52.00-55.25. Sows: US No. 1-3, 47.00-49.50; No. 2-3, 42.00-46.00. Boars: 2.00 lower, average 41.50-44.00.

FEEDER PIGS: US No. 1-3, 21-33 lbs. 28.00-34.00 Hd. US No. 1-3, 33-38 lbs. 39.00-41.00 Hd. US No. 1-3, 42-55 lbs. 44.00-51.00 Hd.

SHEEP: Two Few to test market. Goats: 18.00-50.00 Hd.

New Wilmington Auction

New Wilmington, Pa.
Monday, Nov. 29
Report supplied by PDA

CATTLE 221. Compared with last Monday's market, slaughter cos about steady. Few Choice cows about steady. Few Choice slaughter steers 57.50-59.75, Standard 44.00-50.00, Utility heifers 54.50-55.50, few Standard 41.50-45.25. Utility & Commercial slaughter cows 36.75-41.75, couple 43.00 and 43.25, Cutters 34.00-38.00, Canner & Low Cutter 26.00-34.50, Shells down to 20.00. Few Yield Grade #1 1175-2140 lbs. slaughter bulls 43.00-47.25; few yield grade #2 1150-1405 lbs. 38.00-42.50. Medium Frame #1 375-510 lbs. feeder steers 45.00-52.50; Medium Frame #1 300-700 lbs. feeder heifers 35.00-43.50, Medium Frame #2 370-750 lbs. 25.00-34.50.

CALVES 242. Vealers steady. Choice vealers 86.00-103.00, Good 70.00-88.00, few Standard 50.00-60.00, Standard & Good 90-120 lbs. 40.00-55.00, 65-85 lbs. 32.50-45.00, Utility 45-75 lbs. 5.00-25.00. Farm calves, holstein bulls 95-125 lbs. 50.00-66.00.

HOGS 380. Barrows & gilts steady to strong. US No. 1-2 215-245 lbs. barrows & gilts 56.00-57.00, No. 1-3 205-260 lbs. 54.60-56.10, No. 2-3 225-300 lbs. 48.00-52.00, one lot No. 1-3 195 lbs. 53.00. Sows $2 to $3 higher. US No. 1-3 300-570 lbs. sows 47.75-54.50.

FEEDER PIGS 21. One Lot US No. 1-3 15 lbs. feeder pigs 14.00 per head, few No. 1-3 40-45 lbs. 35.00-38.00, one lot No. 1-3 85 lbs. 43.00 per head.

SHEEP 65. Choice 80-100 lbs. wooled slaughter lambs 46.00-54.00, Good 55-95 lbs. 43.00-53.00, one lot Utility 40 lbs. 23.00. Slaughter ewes 12.00-24.00.

New Holland Horse

New Holland
Monday, Nov. 29
Report supplied by auction

Reported receipts of 209 head of horses, mules and ponies. Market: steady.

Better horses 425.00-850.00; Driving horses 350.00-800.00; Riding horses 325.00-400.00. Lightweight killers 300.00-400.00; Heavyweight killers 425.00-500.00. Mares 35.00-100.00; Colts 15.00-30.00; Geldings 35.00-100.00; Larger ponies 125.00-175.00.

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

DEC. 6-12, 1982

Balmy and mild turns to bleak and wild.

Mail Christmas cards this week . . . Damon Runyon died Dec. 10, 1946 . . . Last quarter of the moon Dec. 7 (Tues.) . . . Average length of days for the week, 9 hours, 11 minutes . . . Prohibition ended Dec. 6, 1933 . . . Golf tee patented Dec. 12, 1899 . . . *Belong not just to the hearth of your home, but the heart of your town.*

Ask the Old Farmer: Why do those famous New England brick houses I read about last 300 years? D.Y., Santa Cruz, Calif.

Most had slate roofs with plenty of overhang, which were good for many years. The brick walls were at least eight inches thick with the outside layer of brick baked harder than the inside to shed water.

Home Hints: Moths won't come into your closet if you keep dried orange peel on the shelf.

OLD FARMER'S WEATHER FORECAST

New England: Rain to start; cloudy and seasonal midweek; sleet south, snow north, cold, over weekend.

Greater New York-New Jersey: First part of week is rainy, mild; cloudy and cold, then showers, rest of week.

Middle Atlantic Coastal: Week's beginning brings rain, snow mountains; midweek is cloudy; few showers, mild at week's end.

Piedmont & Southeast Coastal: Showers, very beginning of week; partly cloudy and seasonable midweek; sunny, mild weekend.

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Lebanon Valley Auction

Fredericksburg, PA
November 30, 1982
Report supplied by PDA

CATTLE 167: Compared with last Tuesday's market, slaughter cows steady to 50 cents higher. Few Choice No. 2-4 1060-1240 lbs. slaughter steers 59.75-62.00, few Good 54.50-58.00, Standard 47.25-53.10, few Utility 41.50-44.00. Few Choice slaughter heifers 53.85-56.85, couple Good 53.00 and 53.35. Utility & Commercial slaughter cows 37.75-41.75, couple 43.10, Cutters 35.00-39.35, Canner & Low Cutter 30.00-35.00, Shells down to 23.50. Couple Good slaughter bullocks 52.00 and 52.25. Yield Grade #1 945-1630 lbs. slaughter bulls 46.00-54.60.

CALVES 240: Choice vealers 83.00-95.00, one at 100.00, Good 65.00-76.00, Standard & Good 70-100 lbs. 44.00-50.00, few Utility 50-85 lbs. 20.00-40.00. Farm calves, holstein bulls 90-130 lbs. 51.00-81.00; holstein heifers 100-115 lbs. 80.00-93.00.

HOGS 111: Barrows & gilts about steady. US No. 1-2 220-260 lbs. barrows & gilts 55.50-56.60. Few US No. 1-3 385-615 lbs. sows 47.75-50.25. One Boar at 42.00.

FEEDER PIGS 17: Few US No 1-3 22-40 lbs. feeder pigs 62.00-90.00 cwt.

SHEEP 3: Few Choice 75-100 lbs. wooled slaughter lambs 47.00-48.00.

Morrison Cove Auction

Martinsburg, Pa.
Monday, Nov. 29
Report supplied by auction

CATTLE 113. Good slaughter steers 56.10-57.35, Standard 52.75-55.75, Utility 50.75-52.25. Standard slaughter heifers 39.25-40.10. Utility & Commercial slaughter cows 40.60-42.10, Commercial 37.25-39.60, Cutters 34.60-36.50, Canner & Low Cutter 32.75-34.10, Shells down to 27.50. Yield Grade #2 slaughter bulls 40.50-43.10. Good feeder heifers 43.50-45.00, Medium 41.50-43.10; Good feeder bulls 48.10-52.75.

CALVES 311. Choice vealers 75.10-77.10, Good 68.50-70.25, Standard & Good 110-130 lbs. 57.50-61.50, 90-110 lbs. 49.50-53.50, 70-90 lbs. 45.50-48.25, Utility 40.50-42.75. Farm calves, holstein bulls 95-110 lbs. 73.50-81.25; holstein heifers 95-1250 lbs. 72.50-90.50.

HOGS 162. US No. 1-2 200-225 lbs. barrows & gilts 56.50-57.25, No. 1-3 230-250 lbs. 54.75-56.10, No. 2-3 200-225 lbs. 54.50-55.75. US No. 1-3 sows 49.25-51.10, No. 2-3 47.50-48.75. Boars 40.50-47.25.

FEEDER PIGS 32. US No. 1-3 25-35 lbs. feeder pigs 18.50-20.50 per head, No. 1-3 35-40 lbs. 35.50-37.50 per head.

SHEEP 6. Good wooled slaughter lambs 15.50-33.75.

New Holland Dairy

New Holland
Wednesday, Dec. 1
Report supplied by auction

Reported receipts of 110 cows, 74 heifers, and 2 bulls. Market steady.

Load of NY, purebred & grade, fresh cows, 1200-1350 springers 1125-1900.

Load of Pa. fresh cows, 1130-1410.

Load of Canada fresh cows, 750-1225.

Load of Franklin County fresh cows, 750-1225.

Locally consigned cows 500-1200.

Springing heifers 530-1150.

Open heifers 315-475.

Bulls 350-540.

Herd dispersal 43 head, all stages, 420-810.

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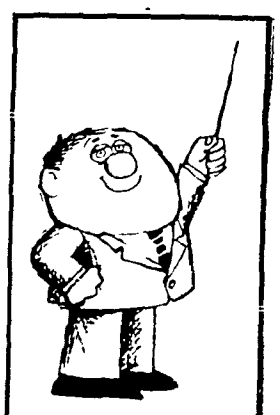

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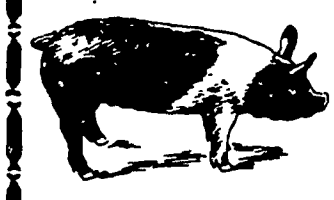

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Va. market summary & sale reports

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Nov. 27
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 54.00-62.00; 500-700 lbs. 55.00-64.50; 700-1000 lbs. 54.00-59.00; Holstein 300-1000 lbs. 38.00-52.00. S-1&M&L-2 300-500 lbs. 46.50-57.00; 500-700 lbs. 48.00-56.00. Feeder Bulls: M&L-1 300-500 lbs. 55.00-57.00; 500-700 lbs. 53.00-55.00. S-1&M&L-2 300-500 lbs. 46.00-53.50. Heifers: M&L-1 300-500 lbs. 43.00-46.00; 500-700 lbs. 45.00-48.50; 700-800 lbs. 44.00-44.50. S-1&M&L-2 300-500 lbs. 35.00-42.00; 500-700 lbs. 38.50-41.50; 700-800 lbs. 35.75-41.00. Stock Cows: Beef 260.00-360.00; Dairy 535.00-760.00; Baby Calves 20.00-65.00 mostly 35.00-55.00.

SLAUGHTER CATTLE: Steers - Choice 2-4 55.60; Good 2-3 52.50-56.75.

SLAUGHTER COWS: Steady to .75 higher. Bulls 4.00 lower. Utility & Commercial 2-4 33.00-39.50; Canner & Cutters 1-3 28.00-33.50.

SLAUGHTER BULLS 1&2: 41.25-48.25.

LAMBS: .85 to 1.35 higher. High Choice & Prime 50.85; Choice 50.10; Feeder Lambs Choice 44.00-50.00; Slaughter Ewes 10.00-14.00; Head Ewes 22.00-49.00.

HOGS: US 1-3 200-240 lbs. 53.75; Sows 1-3 49.00-54.00; Boars 40.00.

VEAL: Choice & Prime 61.00-78.00; Good 55.00-61.00.

SLAUGHTER CALVES: Good & Choice 46.00-53.00.

Virginia Auction Summary

Nov. 25-Dec. 1

Total Va., Weekly Feeder Cattle Auction Receipts: 6,062.

TREND: Steady to $1.00 higher.

Northern VA.

Steers: 300-500 lbs. medium 1 52.00-63.00; Large 1 43.00-64.00; Small 1 48.00-60.00. 500-700 lbs. Medium 1 52.00-64.00; Large 1 53.50-63.75; Small 1 51.00-58.50; 700-1000 lbs. Medium 1 51.00-61.50; Large 1 54.00-58.00; Small 1 50.00-63.00.

Heifers: 300-500 lbs. Medium 1 41.00-51.00; Large 1 43.00-55.00; Small 1 40.00-50.00; 500-700 lbs. Medium 1 42.50-51.00; Large 1 45.00-56.50; Small 1 44.00-47.00; 700-900 lbs. Medium 1 40.00-48.00; Large 1 40.00-44.50; Small 1 38.00-39.50.

Southeast VA

Steers: 300-500 lbs. Medium 1 49.50-58.00; Small 1 42.50-48.00.

Heifers: 300-500 lbs. 40.50-48.25; 500-700 lbs. 43.00-46.75.

Southwest VA

Steers: Medium 1 55-69; Large 1 59-69; Small 1 47-59; 500-700 lbs. Medium 1 50-61.50; Large 1 54-62; Small 1 45-56.50; 700-1000 lbs. 50.00-60.25; Large 1 52.00-54.00; Small 1 48-53.

Heifers: 300-500 lbs. Medium 1 41.25-53; Large 1 43-52; Small 1 37-47.50; 500-700 lbs. Medium 1 40-53.25; Large 1 44.25-53; Small 1 38-44; 700-900 lbs. Medium 1 38-45; Large 1 40-47; Small 1 35-42.

Feeder Pigs

Marion, VA
Wednesday, Dec. 1

Feeder Pigs: Receipts 417. 40-49 lbs. US 1 & 2 92; US 3 84; Utility & 4 62; 50-59 lbs. US 1 & 2 82; US 3 77; Utility & 4 55; 60-69 lbs. US 1 & 2 72; US 3 64; 70-100 lbs. US 1 & 2 57; US 3 52; Utility & 4 50.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 29
Report supplied by auction

Total No. of Head 530. Cattle market higher, should stay higher.

Holstein Hfr. Calves to 65.00; Veal Calves to 78.00; Vealer Bull Calves 60.00-66.00; Slaughter Calves 45.00-55.00; Grassers & Feeders 34.00-48.00; Lambs 35.00-46.00; Sheep 5.00-15.00; Hogs, 200-250 lbs. 48.00-54.50; Sows 43.00-47.50; Boars 41.00-43.50; Pigs 15.00-35.00; Heifers 36.00-42.00; Steers, medium 39.00-46.00; Steers, feeder 38.00-48.00; Bulls 39.00-47.00; Cows, utility 38.00-39.75; Cows, fat 37.50-39.00; Cows, medium 34.50-36.00; Cows, poor or small 25.00-32.00; Cattle market higher; Calf market steady; Horses small to 200.00; Ponies to 65.00; Goats 5.50-32.00; Hay none; Straw none.

Indiana Livestock

Homer City, Pa.
Thursday, Dec. 2
Report supplied by PDA

CATTLE: 218. Sl. steers one Choice at 57.00; Good 51.00-55.75; Standard 43.50-51.00; Utility 38.00-43.50. Sl. heifers: few High Good & Choice 52.00-53.25; few Good 46.25-47.00; few Standard 42.00-46.50; few Utility 37.00-40.75. Sl. cows: Utility & Commercial 37.50-42.00, one at 42.75; Cutters 34.50-38.75; Canner & L. Cutter 30.00-34.75; Shells down to 27.75. Sl. bullocks: Utility 36.75-40.25. Sl. bulls: Yield Grade No. 1 & 2, 1015-1675 lbs. 43.00-48.00.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 385-730 lbs. 43.00-50.50. Heifers, Medium & Large Frame No. 1, 315-720 lbs. 39.00-46.00; Medium & Large Frame No. 2 350-675 lbs. 31.50-36.75.

CALVES: 189. Few Choice 85.50-90.00; Good 70.00-81.00; few Standard 51.00-60.50; Standard & Good 90-125 lbs. 48.00-56.00; 60-85 lbs. 42.00-49.00; few Utility 50-70 lbs. 33.00-42.50.

FARM CALVES: Hol. Bulls 90-130 lbs. 54.00-76.00; Hol. Heifers 90-135 lbs. 49.00-74.50. Beef Cross Bulls & Heifers 70-120 lbs. 55.00-68.00.

HOGS: 66. Few US No. 1-2 200-230 lbs. 55.75-56.40; No. 1-3 210-255 lbs. 54.50-55.75; No. 2-3 270-315 lbs. 50.00-53.50; few No. 1-3 160-190 lbs. 48.75-51.75; Sows US No. 1-3 425-670 lb.s 45.75-51.25. Boars 41.00-46.50.

FEEDER PIGS: 47. One lot US No. 1-3 15 lbs. at 13.00 per head; 25-35 lbs. 23.00-30.00; few 50-60 lbs. 33.00-37.00 per head.

SHEEP: 4. Few Choice 85-115 lbs. 48.00-49.50. One Sl. ewe at 6.50.

Philadelphia Eggs

Philadelphia
Report supplied by USDA

MARKET COMMENT: Prices unchanged to lower. Carter egg demand is fair over all. Only occasional retail features are generally a better than average movement. Floor stock are fully adequate for needs. Additional offerings are readily available and only a scattered interest is noted for extra product. Undertone is unsettled and no better than steady.

PRICES TO RETAILERS: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 62-73; A Large 61-68½; A Medium 50-58.

Leesport Auction

Leesport, PA
Wednesday, Dec. 1
Report Supplied by PDA

CATTLE 319. Compared with last Wednesday's market, slaughter steers steady to $2 lower. Slaughter cows uneven, Utility & Commercial weak to $1.50 lower, Canner & Cutter steady to 50 cents higher. Slaughter bulls steady to $1 higher. Few High Choice & Prime 1225–1270 lbs. slaughter steers 61.50-61.85, few Choice 1095-1285 lbs. 57.00-59.50, few Good & Choice holsteins 1260-1490 lbs. 52.50-56.00, Good 53.00-56.00, few to 60.00, Standard 49.25-52.50, few Utility & Low Standard 45.10-48.25. Few Choice 915-1270 lbs. slaughter heifers 53.00-57.35, few Good 51.50-54.10, few Standard 44.50-48.00. Utility & Commercial slaughter cows 37.00-40.25, few to 42.35, Cutters 35.75-37.75, Canner & Low Cutter 34.60-36.25, Shells down to 30.50. Good slaughter bullocks 52.50-62.60, few Standard 47.50-51.25. Yield Grade #1 1240-1825 lbs. slaughter bulls 49.10-54.00, one at 55.00; yield grade #2 980-1180 lbs. 43.50-48.75. Few Medium Frame #1 and #2 335-835 lbs. feeder steers 45.00-54.00, Large Frame #2 480-660 lbs. 45.50-46.50; Medium Frame #1 and #2 360-775 lbs. feeder bulls 44.50-52.00, few Large frame #2 525-700 lbs. 43.50-45.00.

CALVES 154. Vealers steady to $7 higher. Few Choice vealers 91.00-110.00, few Good 75.00-85.00, Standard & Good 110-135 lbs. 59.00-75.00, 90-110 lbs. 48.00-55.00, 70-85 lbs. 41.00-49.00, Utility 65-100 lbs. 30.00-47.00. Farm calves, holstein bulls 90-125 lbs. 59.00-73.00, few down to 51.00; few holstein heifers 100-125 lbs. 65.00-81.00.

HOGS 336. Barrows & gilts weak to $1 lower. US No. 1-2 210-245 lbs. barrows & gilts 54.35-55.35, No. 1-3 210-250 lbs. 53.00-54.75, No. 2-3 240-270 lbs. 52.00-53.50, one lot No. 1-3 175 lbs. at 49.50. Sows steady, US No. 1-3 300-600 lbs. sows 48.50-51.50. Boars 42.50-44.50, few light weights 48.50-49.00.

FEEDER PIGS 142. US No. 1-3 25-50 lbs. feeder pigs 120.00-140.00 cwt., No. 1-3 60-80 lbs. 84.00-93.00, few No. 1-3 100-105 lbs. 63.00-64.00 cwt.

SHEEP 21. Few Choice 100-120 lbs. wooled slaughter lambs 65.00-73.00, few 40-55 lbs. 114.00-137.50. Slaughter sheep 16.00-25.00.

GOATS 14. 26.00-39.00 per head.

Lancaster Feeder Cattle

Friday, Nov. 26
Report supplied by USDA

Today	251
Last Friday	665
Last Year	238

TREND: Insufficient volume to fully test trends, few lots of 4-10 head each mostly steady. Bulk of supply sold in lots of three or less.

FEEDER STEERS MEDIUM FRAME 1: One lot 585 lb. 62.25: one lot 810 lb. 61.10; and one lot 1053 lb. 59.85.

MEDIUM AND FRAME 1: Couple lots 420-550 lb. 58.00-59.25.

MEDIUM FRAME 1-2: Couple lots 550-600 lb. 55.00-56.50.

LARGE FRAME 1-2: Couple lots 930-1075 lb. 52.75-53.50.

LARGE FRAME 2 HOLSTEINS: Couple lots 780-860 lb. 40.75-45.75.

FEEDER HEIFERS MEDIUM FRAME 1: One lot 380 lb. 46.50.

ANDERSON FERTILIZER

Fall 1982 Fertilizer Price List

Select your fertilizer blend, schedule delivery by date shown above price column, lock in the confirmed price per ton with full payment by 12/11/82.

BAG BLENDS	Dec. 11 $/ton	Dec. 18 $/ton
10-20-20	166.50	167.50
12-24-24	188.00	189.00
12-12-12	147.00	148.00
16-16-16	171.50	172.50
19-19-19	191.50	192.50
20-10-10	170.00	171.00
28-13-13	204.00	205.00
8-32-16	186.50	187.50
10-30-10*	183.00	184.00
6-24-24	171.50	172.50
5-20-20	156.00	157.00
5-10-10*	121.00	122.00
0-26-26*	172.00	173.00
0-14-42	157.00	158.00
30-10-10*	198.50	199.50

* May require 5 ton minimum order

BULK (BLEND) DISCOUNT - $7.50 per ton

Straight Material	Bag	Bulk
46-0-0 Urea	201.00	189.00
0-46-0 TSP	191.50	177.50
0-0-60 Potash	142.25	128.25
18-46-0 DAP	226.50	214.50
13-52-0 MAP	—	228.00

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This aid rapidly provides a Decision Factor based on the current financial status of your operation so you can make sound decisions when you need to make them.

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For $5.25 you will receive Decision Factor with instructions on how to use it. Send $5.25 in check or money order to Agri-Economics Unlimited, Box 87, Bowmansdale, Pa 17008 No cash please. Allow up to four weeks for delivery.

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Box 87, Bowmansdale, PA 17008

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Off the Sounding Board

By Sheila Miller, Editor

Unexpected mail

Bills, bills, bills.

It seems like the mail people these days take special pleasure in dampening our holiday spirits by bringing scores of envelopes demanding money for goods and services delivered. I don't know why bills are always such a shock to the nervous system when they finally appear in the mailbox since their arrival is inevitable.

But even the bills had to take a back seat in startle-ability to the piece of mail that squeezed its way into mailboxes this week. The dastardly 1040 form wrapped its multitude of pages around other personal mail — as if to display its importance and to make sure it wouldn't be overlooked.

Taxes! Who wants to think about filing income tax forms when Christmas hasn't even been celebrated, and Father Time hasn't rung out the old year yet? But there it was — that 1040 form — just a "subtle" reminder of Uncle Sam's request for his financial share of our "fortunes."

But our national relative will be in for a surprise this year when he starts counting his benefits from farmers across the nation. If he was expecting a financial boost from the farm sector, Uncle Sam is sure to be disappointed. Let's face it — farmers just haven't had the best of years.

The only thing that's helping farmers show a gain of 1 to 2 percent in gross farm income this year is a slightly "bullish" livestock market and government payments for grain programs — something akin to "robbing John (Block) to pay Sam."

But, before Uncle Sam starts counting his "chickens," he'll have to realize that these meager gains in income will rapidly be offset by farmers' increased expenses. Hence, USDA figures put farmers' net incomes near the middle of the $17 to $21 billion range.

It's no secret why most farmers' incomes are in a slump in 1982 — bumper crops of corn and wheat have kept grain prices in a tailspin since spring planting and may finish up the year at a level about 10 percent below 1981, on the average. Economists with USDA show figures of crop cash receipts for farmers falling by 3 to 4 percent this year — to a level of about $72 billion.

Helping to keep farmers' heads from sliding under this year's economic quicksand though is the 2 percent gain in livestock receipts, bringing about $70 billion in to offset the grain losses. Hog receipts alone rose about 12 percent, and cattle are up by roughly one percent.

But it wasn't as good a year for poultry farmers who watched their cash receipts drop 4 percent this year. And in the dairy business, even though more milk is flowing into the market, reduced prices for wholesale milk are keeping cash receipts at about the same level as 1981.

Unlike the past three years when the cost of operating a farm climbed an average of 11 percent, lower grain and fuel prices and reduced interest rates have helped to hold farm expenses from going into orbit. In fact, expenses for the average farmer in 1982 are expected to rise just 3 percent — the smallest increase since 1968.

If Uncle Sam gets the feeling that his farmers are not as healthy as they once were, after he takes a look at their 1982 1040 forms, he wouldn't be wrong. An economic thermometer would show income dropping, debts rising, and farmland values eroding.

Checking his farmers' fianancial "blood pressures," Uncle Sam will find that net cash income is down from last year by about a half billion dollars. Farmers' net cash flow, the money they have available for spending on the farm business and home, will also drop by as much as 2 percent this year. So, it's an easy prediction to make during the last month of 1982 that farmers' net farm incomes are on their way to a third straight year of decline.

No, it hasn't been a great year economically for farmers — which may raise some eyebrows in the ranks of the Internal Revenue Service.

It looks like Uncle Sam will be forced to go on a strict diet and tighten up his belt, too. Just like his dedicated All-American farmers did in 1982.

WAS JESUS RELIGIOUS?
December 5, 1982

Background Scripture: Luke 1:1-4; 5:29-32; 8:19-21; 9:18-22.
Devotional Reading: 2 Timothy 4:1-8.

"Was Jesus religious?" may seem a strange question. The key, of course, is what you mean by "religious."

The scribes, Pharisees and Sadducees did not think that Jesus was **religious,** because in his ministry and his teachings he did not stick to what they regarded as **religious** concerns. For the scribes and Pharisees, **religion** had to do with keeping the rules so that a person might keep himself morally pure. For the Sadducees and priests, being **religious** meant keeping faithful to the rituals of the Temple.

TAX COLLECTORS AND SINNERS

But although Jesus respected the law and the Temple, he got involved with a lot of things that went quite beyond these limits of **religion.** For one thing, he allowed himself to get involved with unreligious people, sinners and tax collectors. In the view of his critics, a **religious** person would not do such a thing and would keep himself free from contact with their impurity. Not once but many times, he was criticized for this. "Why do you eat and drink with tax collectors and sinners?" they demanded when they found him in Levi's house sharing a table with these people.

Jesus' response was, as they saw it, a very unreligious one: "I have not come to call the righteous, but sinners to repentance." Their understanding of **religion** was to keep one's self pure. Concern for others, particularly those who were obviously sinners, was not part of their **religious** practice and lifestyle. Perhaps if Jesus had stuck to religion (as they interpreted it), he would have been more acceptable to them.

THE CHRIST OF GOD

But Jesus never was satisfied with staying within the bounds of contemporary religion. His "good news" could not be limited to the synagogue or the Temple, to lawabiding Jews, and it went far beyond the laws and rituals which often reflected the ideas of men rather than the will of God. When Jesus came into contact with hungry people, for him that was a **religious** problem. When people came to him with broken bodies, he demonstrated that God himself shared those same concerns. The poor, the homeless, the oppressed—these were people for whom God was concerned. And the sinners were the people to whom this Messiah was especially sent.

When Jesus asked, "But who do you say that I am?" and Peter replied, "The Christ of God," it was apparent that this Christ did not fit comfortably within the limitations imposed by the **religious** authorities. Jesus' message and mission was a threat and a challenge to the narrowness of their **religion.** Like new wine fermenting in an old wine bottle, it broke open their understanding of what God wants from his children.

We still have problems fitting Jesus into our **religion.**

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To tighten farm security

Rural crime is a serious problem in many parts of our country. We need to take every precaution to protect our property from theft and vandalism.

This is more difficult on a farm because of the number of buildings and exposed items. A good place to start is to install automatic lights. Also a good watch dog will signal the arrival of a stranger or something unusual happening.

Another preventive measure is to keep garages and workshops under padlock to make it more difficult for illegal entry. Farm machinery should be stored under cover or near farm buildings at all times. It's also a good idea to engrave all tools and equipment with your drivers license number. Social Security numbers are non-retreivable so your driver's license number is a much quicker identification.

Neighborhood watch is very successful. Notify your neighbor if you see something unusual.

To observe withdrawal time

The use of drugs and antibiotics are needed in many cases with livestock, poultry and dairy production. However, the misuse of these materials is where trouble can start.

When these items are administered to animals or poultry, the owner should read the label for directions relating to withdrawal period for milk cows, or time between treatment and slaughter for meat animals. It's only good common sense that these regulations should be followed.

To short-cut the period of time is only jeopardizing the product and the entire farming business. Don't take chances with our valuable food products. Also, keep accurate records of all treatments. In cases where excess tolerances are found, it might save time and money.

To store firewood outside

We are more energy conscious than we've ever been. This is certainly a good trend. Most homes are equipped with a real energy saver — the fireplace. A lot of people will be using their fireplaces and wood stoves more than ever before, so they'll be using more firewood. Proper storage is important.

When storing your firewood, keep it outside the house — insects may hibernate in the wood piles. If you keep it inside, they'll think it's spring and wake up, come out and be a pest in your home. If this happens, use an ant and roach aerosol for control.

It is a lot easier just to keep the firewood in a cool garage or some outside shelter. The important thing is to keep it dry, even if it means covering it with a plastic tarp. Wet firewood takes a lot of heat just to dry it out.

To plan work schedules in layer houses

If you are planning to work with your layers, such as applying a miticide to control lice or mites or do any noisy repairs to the feeders, fans or waterers, this work should be done in the afternoon. The reason for this is it's after the hen has laid her egg for the day, and she is less susceptible to injury and damage to the future eggs. Your everyday chores won't upset them because they are accustomed to them, but these unusual conditions can upset their regular cycle.

Farm Calendar

Saturday, Dec. 4
Lancaster 4-H Horse Banquet, Farm and Home Center, 6:30 p.m.

Monday, Dec. 6
National Farmers Organization annual convention, Louisville, Ky., continues through Thursday.

Berks County Reproductive School, 10 a.m. - 3 p.m., Kutztown Grange Hall, continues tomorrow.

Chester County Farmers Union, 7:30 p.m., Perkins Cake & Steak House, Rt. 41, Avondale.

Tuesday, Dec. 7
Dutch Country Goat Club, 7:30 p.m., meeting room, Coca Cola plant, Manheim Pike, Lancaster.

ELCO Young Farmers, Schafferstown Fire Hall, 7 p.m.

Red Rose DHIA Annual Dinner Meeting adn Awards Program, 11:30 a.m. Good 'N Plenty Restaurant. Second session scheduled on Wednesday, Dec. 8, same time and place.

Wednesday, Dec. 8
Lancaster County Conservation District, 7:30 p.m., Lancaster Farm & Home Center.

Bradford Extension Banquet, 7:45 p.m., Troy Vets Club, Troy.

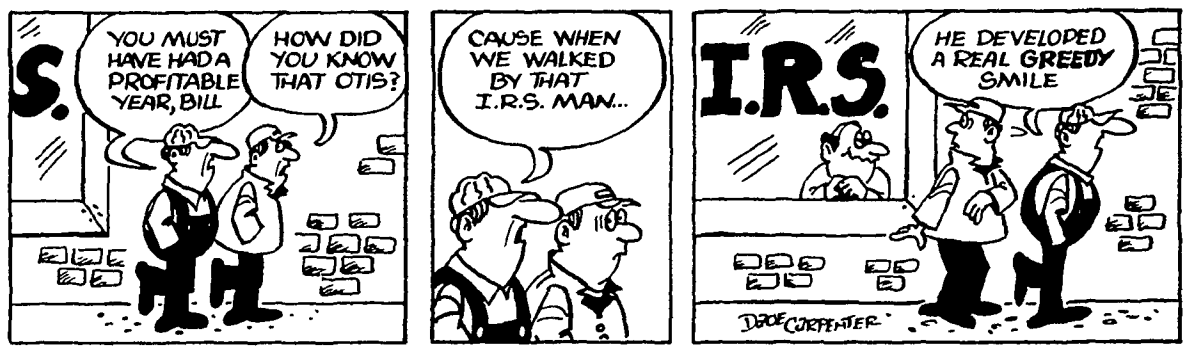
Thursday, Dec. 9
Peninsula Horticultural Society. Vegetable Production Meeting, Wicomico Youth and Civic Center, Salisbury, Md., 9:30 a.m. - 3 p.m.

Golden Harvest Holstein and Garden Spot Sale, Guernsey Barn, Lancaster.

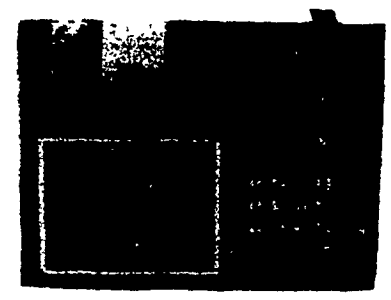
National Agri-Marketing Association, 6 p.m., Revere Tavern, Paradise.

Friday, Dec. 10
Sussex County Crops Meeting, University of Delaware Substation, Georgetown, Del.

OTIS


S.
YOU MUST HAVE HAD A PROFITABLE YEAR, BILL
HOW DID YOU KNOW THAT OTIS?
CAUSE WHEN WE WALKED BY THAT I.R.S. MAN..
I.R.S.
HE DEVELOPED A REAL GREEDY SMILE
DAVE CARPENTER

THE EXECUTIVE 8085 SERIES II



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Computer Controlled Dairy Cattle Feeder

The 8085 Will Provide Individual Feeding Necessary For Efficient Operation In Group Feeding.
This is a completely automatic feeding system that allows the dairyman to limit and select the concentrate fed to each cows, and know how much each cow has eaten. There are systems to handle high moisture or dry concentrate.
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Daily Printout Summary
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- Easy To Operate
- Improve Herd Health
- Feeding Savings
- More Dollars Over Feed Cost
- Program Each Cow

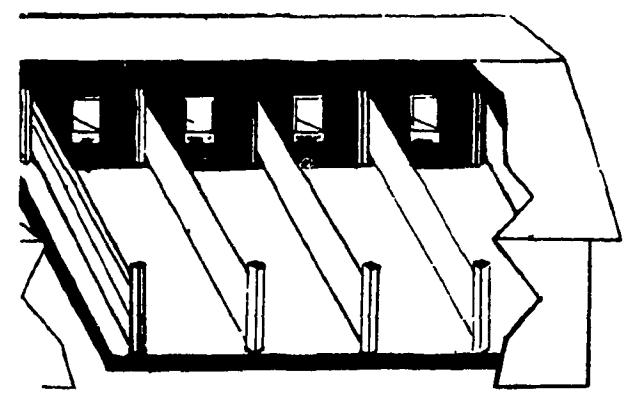
The cow number, feed quantity and choice of rations are entered on a keyboard. The computer looks at a tag permanently fastened to the cow's I.D. rope and will allow her to eat ½ of this each 12 hour period. At the end of each 12 hour period the computer will record on tape the consumption of each animal programmed. Other time intervals are available.

SUMMARY

COW #	# FEED PROGRAMMED	# FEED CONSUMED	RATION FED TO THIS COW
001	20	20A	
002	10	10A	
003	3	3A	
004	25	25B	
005	17	17A	

TOTAL FEED
00075

Stall Barn Feeding In Loose Housing Setup



Computer controlled feeding provides you with all the advantages of individual cow feeding in your free stall housing. For many years dairymen have known that tie stall barns are the way to feed cows and loose housing — the way to house and milk cows. Now the computer feeder gives the dairyman in loose housing the answer — to feed for maximum feed conversion as in a tie barn.

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PUC rules

(Continued from Page A1)

said he was surprised that the PUC "ruled for the farmers after the law judge ruled against us twice."

Mills, who has been in the dairy business for eight years and milks 30 head of Holsteins in a stall barn, said stray voltage almost "wiped me out." He first noticed the unwelcomed current on his farm in 1977 after a new milk pipeline was installed. "But I was too ignorant to know what it was," he admitted.

He said he began to notice his cows would not drink water out of their bowls. Then the number of mastitis cases began to increase and the temperament of his cows worsened with each milking.

Finally in October 1980, Penn State's Steve Spencer positively diagnosed stray voltage flowing through Mills' barn. Meter readings, recalled Mills, measured roughly 4 volts in the stanchions and 7 volts from the floor drain to bulk tank in the milkhouse. (Stray voltage should not exceed 0.5 V, otherwise humans and animals can feel discomfort.)

That same month Mills contacted West Penn Power about his stray voltage problem. "They tried to tell us that it was our problem and that they were not going to do anything," he recalled.

After the problem failed to disappear, the utility company agreed to separate the neutral ground on their electric line feeding the farm in order to determine if the stray voltage was originating on or off the farm. This was done in February 1981 and immediately stray voltage on the Mills farm was brought down to tolerable levels.

Nine months later, West Penn electicians returned to the Mills farm with orders to reconnect the neutral grounds — having them disconnected was in violation of the safety codes. And so Larry Mills found himself once again confronting the phantom phenomenon — stray voltage. That's when he contacted Louis Glantz for legal help.

He also decided to eliminate the intolerable stray voltage by purchasing an isolation transformer for $700 to separate his farm from the commercial lines. He paid an additional $600 to have the transformer installed and his barn rewired in January 1982. Since then, Mills noted, his cows' milk production has "increased substantially."

Co-complainants Joel and Larson Wenger who operate a father-son dairy farm, Weng-Lea Farms, in Greencastle, Westmoreland County began to notice stray voltage symptoms in their herd of 120 Holsteins about the same time as Mills did. Joel Wenger, a veteran dairyman with 25 years experience, explained how he noticed a change in his cows' dispositions and production soon after he installed a new milking parlor in 1978.

In April 1980, Penn State's Steve Spencer found stray voltage lurking in the Wenger setup after taking readings of 2.5 volts from bulk tank to drain and in other areas of the barn.

Wenger recounted how he contacted West Penn Power, and praised the positive efforts made by the local engineer to help. But, said Wenger, when the local engineer could do no more without getting help from the "higher ups," West Penn's decision-makers said "no."

In Wengers' case, the power company eventually disconnected the neutral grounds on their line to determine where the stray voltage was coming from; and like Mills, the Wenger's problems stemmed from off-farm sources. The dairy farmers respite from the traumas of stray voltage ended after a year when safety necessitated the hook-up of the neutrals again.

As the Wengers watched their herd's production drop by 10 to 15 percent, they decided it was time to invest $1,500 in an isolation transformer. Since this past January when the transformer was installed, Wenger said he's seeing a slow rise in cow production.

"I'm having better luck in production now; my cows are milking out better. But cows don't forget bad experiences right away. It's like electric fences — once a cow knows one's been there and gets shocked, you almost have to chase her through even after you've taken the fence down," said Wenger.

Although Wenger had not been notified officially by PUC on the Nov. 19 decision when he talked with **Lancaster Farming** on Tuesday, he said if PUC had ruled in favor of the farmers "it's time they admitted the problem."

When asked if he felt the fight was worth all the time and money, Wenger commented, "We didn't do it just to benefit ourselves. There are other farmers out there who are having the same problem we did."

Oops

In last week's Dec. 4 issue, the million dollar-selling cow, Allendairy Glamourous Ivy, selling from the Greenleaf, Wis. farm of Tom Pearson, was described as being bred at the farm of Ed Doebereiner. It should have read, "the Allendairy farm, formerly of Mechanicsburg." It was born and raised at the Doebereiner farm.

Mushroom growers

(Continued from Page A1)

against the quota on Sept. 30 were influenced by their feelings on liberal free trade.

"They didn't want America to be accused of being trade restrictive," scoffed Kooker. "There's a difference between free and fair trade, you know."

Why did China target the U.S. mushroom industry for its export trade which doubled from 1980-81 through marketing strategies keyed to undercutting domestic mushrooms and other imports in price? According to Kooker, their reasons included the foreign exchange factor, and the fact that the mushroom industry was already a viable, established business in the U.S. Along with that, Kooker noted the mushroom business is highly labor intensive, and the Chinese have cheap labor.

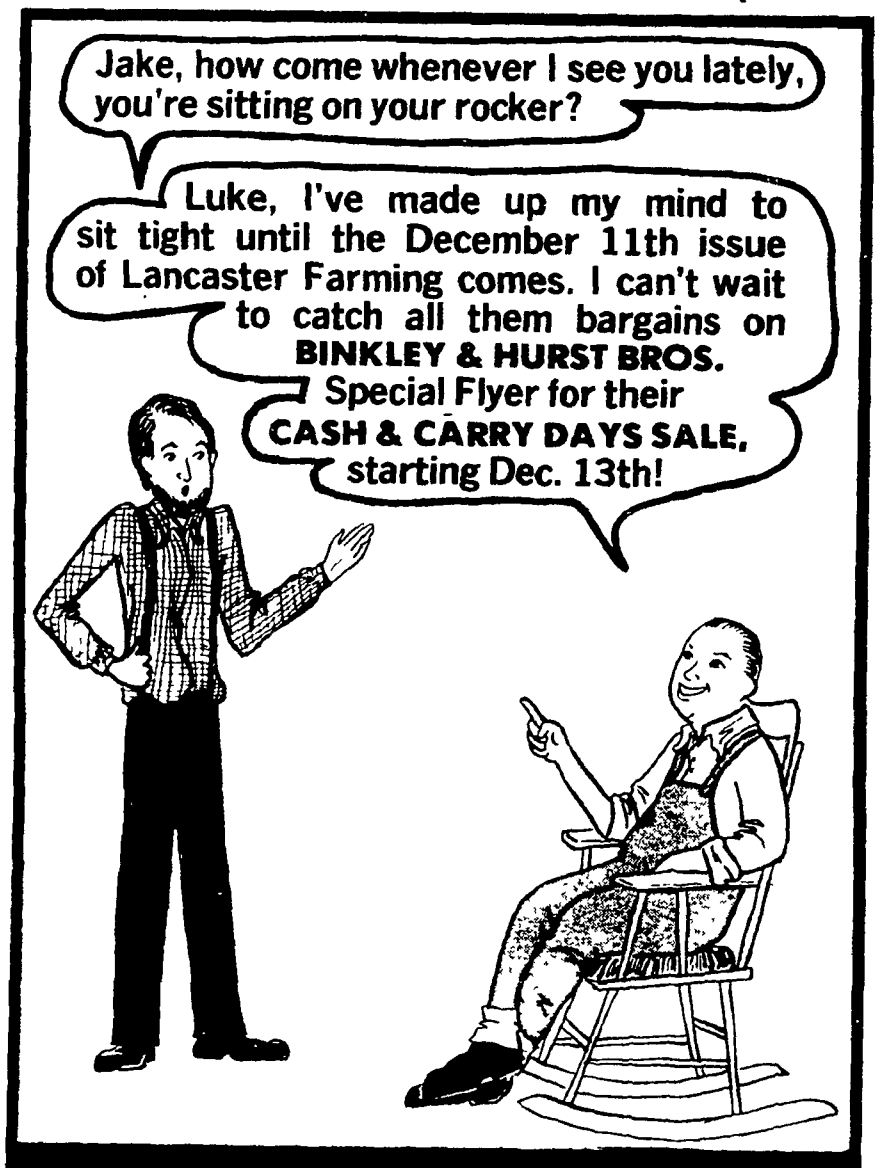
The end result of the increasing amounts of canned mushrooms flooding into U.S. markets since 1979 is the thinning out of U.S. mushroom growers to the tune of 25 percent. And, when more mushroom growers quit, which Kooker predicts will be a common occurance during the next 18 months, the loss will be felt by many other businesses.

Kooker, who admits he is disappointed but vows he will not be discouraged by the mushroom industry's defeat, insists he will "keep fighting" and will continue to pursue every avenue for import relief. The next step for mushroom growers, he said, is to unite in support of a fresh market promotion program.

"That's going to be hard for growers to do, though, because it will take voluntary contributions. The $15,000 we spent trying to get import relief during the past five months has drained the well dry — AMI has no more money left to continue the battle."

Kooker described the nation's mushroom growers as being "down on their knees" and "kicked in the teeth." He recounted his early morning meeting with three growers Thursday during which grown men cried when they realized their last straw for survival had finally broken.

"Perhaps the best way to get a guy up and fighting is to kick him when he's down," Kooker said angrily.


Jake, how come whenever I see you lately, you're sitting on your rocker?
Luke, I've made up my mind to sit tight until the December 11th issue of Lancaster Farming comes. I can't wait to catch all them bargains on BINKLEY & HURST BROS. Special Flyer for their CASH & CARRY DAYS SALE, starting Dec. 13th!

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Livestock market and auction news

Chambersburg Livestock

Chambersburg, Pa.
Thursday, Dec. 2
Report supplied by PDA

CATTLE: 401. Sl. steers: one Prime at 61.75; low to average Choice No. 2-4, 1025-1300 lbs. 56.00-58.75; Good 52.50-56.25, couple to 57.35; Standard 47.25-52.00; few Utility 38.00-46.00. Sl. heifers: Choice 51.75-55.85; few Good 47.75-50.00; few Standard 43.50-45.00. Sl. cows: Utility & Commercial 37.50-41.10, few 43.25; Cutters 36.00-38.75; Canner & L. Cutter 32.50-36.00; Shells down to 29.00. Sl. bullocks: Couple Standard 46.75 & 47.00; few Utility 40.75-44.00. Sl. bulls: Yield Grade No. 1, 1190-1690 lbs. 46.35-55.00, couple down to 41.25.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 375-975 lbs. 43.75-50.00.

CALVES: 616. Few Prime 111.00-113.00; Choice 78.00-103.00; few Good 70.00-80.00; few Standard & Good 100-120 lbs. 55.00-65.00; 70-100 lbs. 45.00-51.50; Utility 50-90 lbs. 40.00-45.00.

FARM CALVES: Hol. Bulls 85-130 lbs. 53.00-73.00, few to 80.00; Hol. Heifers 90-120 lbs. 50.00-72.00.

HOGS: 46. Few lots No. 1-3 230-250 lbs. 54.00-55.25; one lot No. 1-3 195 lbs. at 52.00; Sows US No. 1-3 350-600 lbs. 48.00-51.00. Few Boars 40.00-40.75.

FEEDER PIGS: 16. One lot US No. 1-3 15 lbs. at 21.00 per head; one lot 45 lbs. at 45.00 per head.

SHEEP: 22. Few Good & Choice 75-110 lbs. 43.00-48.00.

GOATS: 2.

Belknap Livestock Auction

Dayton, PA
Wednesday, Dec. 1
Report Supplied by PDA

CATTLE 90. Compared with last Wednesday's market, few Standard slaughter steers 43.25-45.50. Couple Choice slaughter heifers 48.00-49.50, few Standard 40.00-42.50. Utility & Commercial slaughter cows 37.00-41.25, couple 43.00 and 43.75, Cutters 35.00-38.00, Canner & Low Cutter 25.00-34.75, Shells down to 23.00. Few Yield Grade #1 1030-2105 lbs. slaughter bulls 43.00-50.00; few yield grade #2 875-1185 lbs. 37.25-42.00.

CALVES 105. Choice vealers 76.00-87.00, one 95.00, Good 66.00-80.00, Standard & Good 90-110 lbs. 46.00-50.00, 65-85 lbs. 36.00-48.00, Utility 40-70 lbs. 24.00-34.00. Farm calves, holstein bulls 95-135 lbs. 48.00-70.00.

HOGS 230. US No. 1-2 200-235 lbs. barrows & gilts 55.00-56.50, couple head 56.75, No. 1-3 200-245 lbs. 54.00-55.50, No. 2-3 200-280 lbs. 52.00-54.00, No. 1-3 190-195 lbs. US No. 1-3 270-660 lbs. sows 45.00-51.25, few No. 2-3 275-680 lbs. 42.00-43.25. Few Boars 35.00-38.00.

FEEDER PIGS 91. US No. 1-3 20-30 lbs. feeder pigs 11.00-26.00 per head, No. 1-3 35-50 lbs. 32.00-37.00, few No. 1-3 50-70 lbs. 33.00-40.00 per head.

SHEEP 1. One Slaugther ewe at 5.00.

Belleville Livestock Auction

Wednesday Dec. 1
Report Supplied PDA

CATTLE 142. Compared with last Wednesday's market, slaughter cows mostly steady to strong. Few Good slaughter steers 53.00-53.75, few Standard 43.60-47.10. One Good slaughter heifer at 46.75. Utility & Commercial slaughter cows 37.00-41.10, couple 41.75, Cutters 35.00-38.00, Canner & Low Cutter 32.50-35.00, Shells down to 30.00. One Yield Grade #1 1200 lbs. slaughter bull at 46.10. One lot Medium Frame #1 425-675 lbs. feeder steers at 61.75, one lot Medium Frame #1 300 lbs. at 50.25.

CALVES 181. Few Choice vealers 83.00-93.00, Standard & Good 70-110 lbs. 42.00-50.00, few Utility 50-80 lbs. 24.00-37.00. Farm calves, holstein bulls 90-130 lbs. 50.00-77.00; few holstein heifers 100-120 lbs. 54.00-59.00.

HOGS 147. Barrows & gilts $2.50 to $3 lower. US No. 1-2 230-245 lbs. barrows & gilts 54.35-55.25, No. 1-3 200-265 lbs. 52.00-53.60. Few US No. 1-3 325-615 lbs. sows 47.50-50.00. Few Boars 42.50-48.00.

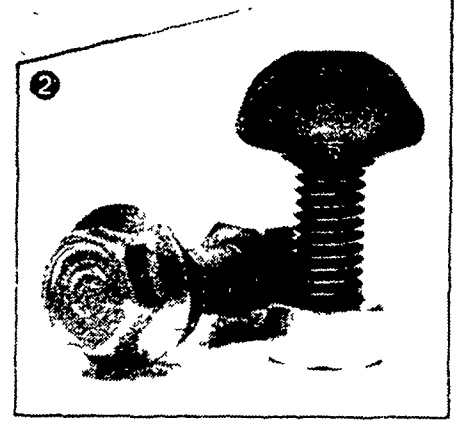
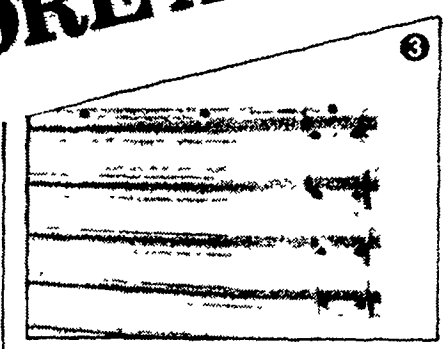
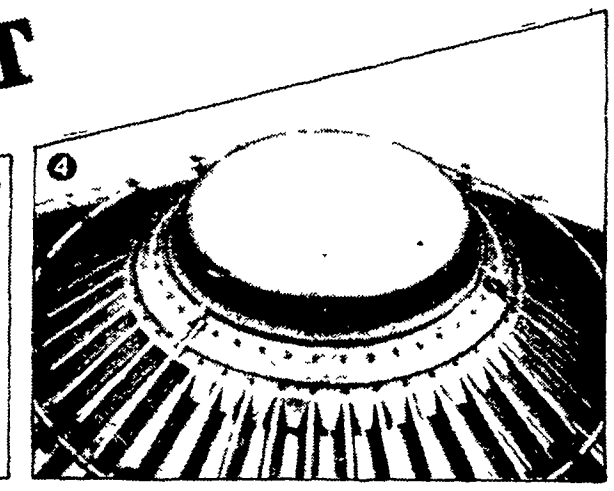
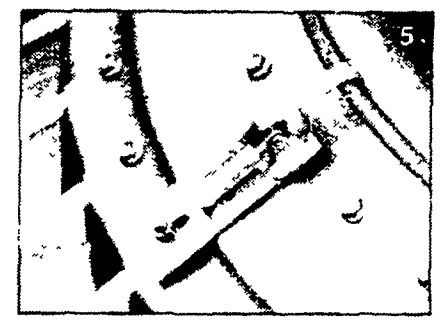
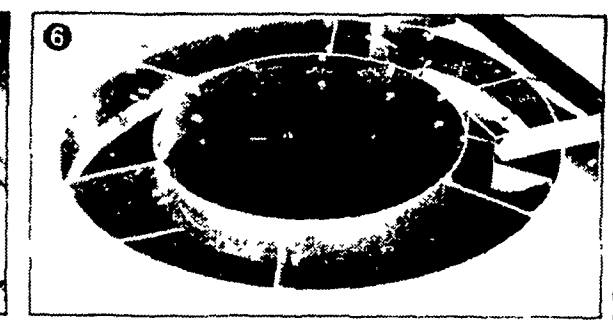
FEEGER PIGS 133. US No. 1-3 25-40 lbs. feeder pigs 25.00-43.50 per head, No. 1-3 50-65 lbs. 48.50-55.50, one lot No. 1-3 150 lbs. 68.00 per head.

SHEEP 29. Choice 85-100 lbs. wooled slaugter lambs 44.00-50.00, few Good 60-90 lbs. 33.00-43.00.

GOATS 11. 15.00-38.50 per head.

HOLSTEIN DAIRY COWS $570-$1170, couple 1300 per head.

BROCK BIN FEATURES YOU'LL WANT TO KNOW MORE ABOUT

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Livestock market and auction news

Oklahoma Cattle

Thursday, Dec. 2
Report supplied by USDA

Estimated Receipts 1600
Same Day Last Week Holiday

Feeder Steers under 550 lb. steady; over 550 lb. fully 1.00 lower. Feeder Heifers mostly 2.00-3.00 lower. Demand good and trading active for Steers and Calves. Demand light and trading slow on all other classes. Majority receipts Medium Frame 1 and Mixed 1-2 300-600 lbs. Feeder Steers and Heifers.

FEEDER STEERS: Medium few Large Frame 1 295-400 lb. 69.95-72.00; 400-500 lb. 67.50-70.50; 500-550 lb. 65.30-68.30; package 580 lb. 61.75; package 610 lb. 60.90; small lot 725 lb. 60.00. Small Frame 1 475-725 lb. 55.00-58.75. Medium and Large Frame Mixed 1-2 300-400 lb. 63.75-68.00; 400-500 lb. 63.25-67.00; 500-650 lb. 60.00-62.00. Medium and Large Frame 2 200-750 lb. 57.00-61.00. Large Frame 2 Holsteins 550-700 lb. 49.30-50.60; package 720 lb. 49.60; small lot 850 lb. 48.30.

FEEDER HEIFERS: Medium and Large Frame 1 300-400 lb. 56.00-58.00; lot thin and gaunt 420 lb. 59.75; 400-500 lb. 53.70-58.00; 500-600 lb. 52.75-54.50. Small Frame 1 325-450 lb. 48.00-54.00. Medium and Large Frame Mixed 1-2 285 lb. 56.00; 350-675 lb. 50.00-52.25. Medium and Large Frame 2 300-525 lb. 47.50-50.25.

FOR THE WEEK: Compared to last week feeder Steers under 600 lb. 2.00-4.00 higher; Over 600 lb. firm to 1.00 higher with weights above 800 lb. scarce. Feeder Heifers 1.00-2.00 higher; closing session downturn erased part of a greater advance through Wednesday. Slaughter Cows 2.00-2.50 higher. Late sales Utility and Commercial 2-4 36.50-39.00; Cutters 1-2 34.25-37.50; Canner and low Cutter 29.00-33.30. Bulls firm with YG 1 few 2 1500-1825 lb. 47.60-50.80, instances 52.00; 1000-1425 lb. 45.75-56.25. Some low dressing 39.75-42.75. Beneficial, substancial rains over Oklahoma had a bullish effect on cattle prices. Salable receipts this week estimated at 18,000 head compared with 5,792 head the holiday shortened week ago and 17,272 head last year. Bulk of receipts consisted of Feeder Cattle and Calves; Cows and Bulls made up 11 percent of the estimated supply.

Frederick Livestock Auction

November 29, 1982
Report supplied by market

CATTLE: Butcher cows steady to 50 cents higher. Good 41.50 44.75 standard & Utility 37.00 41.00 Canners 33.00 36.00 shelly 35.00 down bulls: Good 47.00 48.25 medium 44.00 46.00 steers: Good 49.00 51.50 Standard 48.00 down Heifer Good 44.00 45.75 Medium 43.00 down Butcher Hogs 50 cents higher tops 60.00 210-230 lbs. 53.00 54.75 240-260 lbs. 52.00 54.00 280-400 55.00 to 60.00 sows: 300-600 lbs. 46.00 50.00.

Veal Calves 1.00 to 3.00 higher individual tops 115.00 Good-Choice 75.00 90.00 Standard 65.00 74.00 Stocky & Thin 55.00 64.00 Light Calves 45.00 53.00 Weak & Rough 44.00 down.

Calves returning to farm Holstein Heifers 70-85 lbs. 54.00 59.00 90-120 lbs. 60.00 65.00 Holstein Bulls 85-95 lbs. 54.00 60.00 100-115 lbs. 61.00 70.00.

Stock Cattle mostly steady prices steers 50.00-53.50 Med. 42.00 49.00 Heifers 44.00 49.00 Med. 40.00 43.00 Bulls 42.00 45.00 Med. 38.00 41.00. Dairy cows to 600.00. Springing heifers to 1100.00

Pigs & Shoats 2.00 to 4.00 higher. By the head 37.00 50.00. Small pigs 20.00-36.00 by the lb. to 54.00.

North Jersey Livestock

Hackettstown, N.J.
Tuesday, Nov. 30
Report supplied by auction

1254 head.

Calves 1.01-26; Cows 46.50-30.50; Easy Cows 38.50-17.00; Reactor Cows 43.00-35.75; Heifers 47.00-39.00; Bulls 56.75-37.75; Steers 58.50-37.00; Hogs 59.25-46.00; Roasting Pigs, each 44.00-16.00; Kids 46.00-6.00; Boars 35.00-00.00; Sows 47.00-00.00; Sheep 38.00-10.00; Lambs, each 59.00-16.00; Lambs per lb. 70.00-36.00; Goats, each 62.50-31.00; Hides 8.00-5.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Nov. 30
Report supplied by auction

Beef Cows: Utility and Commercial 38.10-40.35; Cutters 35.10-37.45; Canners 32.00-34.75; Shells 31.00.

Heifers: Good 50.50-53.10; Standard 47.25-49.50; Commerical 36.10-42.00.

Steers: Choice 51.50-54.00; Good 46.10-49.60; Standard 37.00-44.50.

Bulls: Standard 44.00-49.60.

Feeder Cattle: 300-500 lbs. large frame 38.50-45.00; 300-500 lbs. small frame 34.10-37.20; 500-700 lbs. large frame 36.20-40.50; 500-700 lbs. small frame 31.00-38.25.

Veal Calves: Choice 72.00-85.50; Good 61.75-70.50; Standard 51.25-59.00; Utility 39.25-48.75.

Farm Calves: Bulls 64.00-85.00; Heifers 60.00-76.00.

Hogs: 50.50-54.75.

Sows: 47.25-49.00.

Boars: 43.75-44.75.

Shoats: 25-30 lbs. per head 13.50-18.00; 30-35 lbs. per head 20.50-28.50; 35-50 lbs. per head 30.00-53.00.

Lambs: 33.00-48.00.

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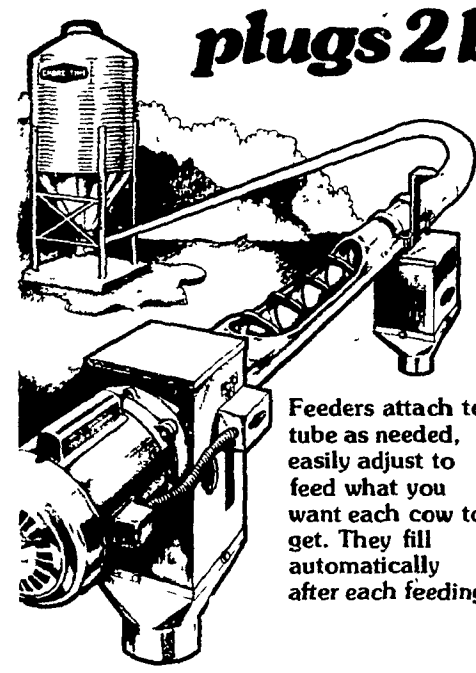

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Livestock market and auction news

Peoria Cattle

Peoria
Thursday, Dec. 2
Report supplied by USDA

CATTLE: Compared to last week slaughter steers .50 higher. Heifers mostly steady. Cows 1.00 higher. Bulls near steady. Trade opened the week fairly active in response to an upward trending carcass beef trade. By midweek trade became only moderate with buyers less aggressive for numbers and very selective as to yield grade. Receipts this week about 3700 compared to 1723 a week ago and 5018 a year ago.

SLAUGHTER STEERS: Choice 2-4 1000-1350 lbs. 57.00-58.50, bulk 57.50-58.50. Yield grade 3, mostly 4's 54.00-56.50. Good and Choice 2-3 900-1100 lbs. 56.00-57.50. Good 54.00-56.00. Holsteins Good and Choice 1-3 1200-1350 lbs. 50.00-52.00.

SLAUGHTER HEIFERS: Choice 2-4 900-1100 lbs. 56.00-58.00, late mostly 56.50-57.50. Load Monday 1025 lbs. at 58.50. YG 3-4 55.50-56.00 Few 4 and 5's 51.00-52.00 Good and Choice 2-3 850-1000 lbs. 54.00-57.00 Good 53.00-55.50.

COWS: Utility 1-3 34.00-37.00. Cutter 30.00-34.00 Canner and low Cutter 28.00-31.00.

BULLS: YG 1-2 1050-1800 lbs. 40.00-44.50. Few 1500-2125 lbs. 46.00-48.00.

St. Louis Cattle

St. Louis
Friday, Dec. 3
Report supplied by PDA

FEEDERS: Including around 2,500 at the regular Thursday auction.) Feeder steers 1.00-3.00 lower. Feeder heifers firm to 3.00 higher, most advance on weights under 500 lbs. Supply mainly medium frame and mixed 1-2 400-800 lb. steers and 350-600 lb. heifers and including a shipment of about 175 head bred cows. Buyer attendance large.

FEEDER STEERS: Medium frame 1 450-500 lbs. 59.00-62.00; 600-700 lbs. 59.00-61.75; 700-800 lbs. 57.00-60.00; Lot 935 lbs. 57.00. Medium frame 1-2 and some small frame 1 450-600 lbs. 53.00-58.25, mostly 53.50-57.00.

FEEDER HEIFERS: Medium frame 1: Lot 186 lbs. 76.50; lot 259 lbs. 65.50; 300-500 lbs. 51.50-57.75; 500-700 lbs 50.25-55.25. Medium frame 1-2 and some small frame 1 450-550 lbs. 45.50-49.50.

BRED COWS: Medium frame 1-2 840-950 lbs. young in first and second stage of pregnancy 337.50-400.00 per head; middle aged 950-1015 lbs. in second and third stage 490.00-512.50 per head; aged 970-975 lbs in second stage 325-365 per head.

Thursday, Dec. 2

Receipts this week 6,500; week ago 2,400; year ago 6,100.

Compared with the previous week, slaughter steer 1.00-1.50 higher. Slaughter heifers mostly 1.50 higher. Cows steady to 1.00 higher. Bulls steady. Slaughter supply mainly Choice and Choice and Prime steers, around 30% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 57.50-59.00, closing 58.50-59.00; 3-4 1000-1150 lbs. 55.00-56.50. Choice 2-4 950-1250 lbs. 56.50-58.50, closing sales 57.00-58.50. Mixed Good and Choice 2-4 900-1225 lbs. 55.50-57.00. Good 2-3 900-1275 lbs. 53.50-55.50.

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Livestock market and auction news

Standard to good 2-3 1050-1300 lb. Holsteins 46.50-50.00. Standard 2-3 950-1500 lbs. 43.00-46.75.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1075 lbs. 55.50-56.50, Closing 56.00-56.50, part load 57.00; 3-4 950-1050 lbs. 52.00-53.75. Choice 2-4 825-1050 lbs. 54.00-56.00, closing 54.50-56.00. Mixed Good and Choice 2-3 800-1000 lbs. 52.50-54.50. Good 2-3 750-975 lbs. 49.00-52.50.

COWS: Closing week sales Utility and Commercial 2-4 33.00-35.00. Boning Utility 1-2 35.00-37.00. High-Yielding Utility 1-2 37.00-38.00 Cutter 1-2 31.00-34.00. Canner and low cutter 1-2 27.00-31.00.

BULLS: YG 1-2 1050-1850 lbs. 43.00-47.00, few YG 1 48.00.

SLAUGHTER LAMBS: Choice and Prime 100-112 lb. shorn with No. 1-2 belts 46.00-48.00; lot 127 lbs. 45.00. Choice and Prime 90-120 lb. wooled 44.00-47.00; small lot prime 120 lbs. 47.50.

FEEDER LAMBS: Small lots and indicidual head Choice and Fancy 60-85 lbs. 44.00-47.00; few head Choice 75-85 lbs. 42.50-43.50.

Weekly Summary

Harrisburg
Fri., Dec. 3
Report supplied by PDA

CATTLE: 5546. Compared with 3683 head last week, and 4757 head a year ago. Compared with last week's market: Slaughter steers unevenly steady; Sl. heifers steady to 1.00 higher; Sl. cows steady to 1.00 lower; Sl. bulls uneven. Sl steers: High Choice & Prime No. 3-4, 60.00-64.00; Choice No. 2-4 57.00-62.50 Good 53.00-58.00; Standard 44.00-51.50, few to 55.00. Sl. heifers Choice 55.00-59.50; Good 49.00-55.00; Standard 43.00-48.00. Sl. cows Utility & Commercial 37.00-41.50, few to 43.25; Cutters 34.00-38.75, few 40.50; Canner & L. Cutter 30.00-37.00, few down to 25.00; Shells down to 23.00. Sl. bullocks: (few) Choice 56.50-60.25; (few) Good 49.00-52.25; (few) Standard 46.75-51.00. Sl. bulls Yield grad No. 1, 1000-2300 lbs. 43.00-55.00; Yield grade No. 2, 900-1500 lbs. 38.00-48.00.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 300-800 lbs. 45.00-54.00, few to 61.25; (few) Large Frame No. 2, 450-800 lbs. 42.50-47.00. Heifers, Medium Frame No. 1, 300-700 lbs. 35.00-46.00; Medium Frame No. 2 300-750 lbs. 25.00-36.75 feeder bulls, medium frame no. 1, 350-700 lbs. 44.50-55.00.

CALVES: 4308. Compared with 3237 head last week and 4802 head a year ago. Vealers steady to 5.00 higher. (few) Prime 100-115; Choice 80-103; Good 65.00-85.00; 110-130 lbs. 55.00-75.00; 90-110 lbs. 48.00-56.00; 65-85 lbs. 40.00-50.00; Utility 50-100 lbs. 24.00-42.00.

FARM CALVES: Hol. Bulls 85-125 lbs. 48.00-82.50, mostly 55.00-75.00; Hol. Heifers 80-150 lbs. 49.00-93.00, mostly 54.00-78.00.

HOGS 5193: Compared with 5890 head last week and 6451 head a year ago. Barrows & gilts 55-1.50 lower. US No. 1-2 200-245 lbs. 55.00-57.00, few to 59.75 No. 1-3 200-250 lbs. 54.00-56.00; No. 2-3 200-275 lbs. 52.00-54.00; few 140-190 lbs. 49.50-53.00; Sows steady to 3.00 lower US No. 1-3 300-625 lbs. 45.50-51.50; No. 2-3 300-700 lbs. 42.00-47.50. Boars 40.00-47.75.

FEEDER PIGS: 576. Compared with 1274 head last week and 860 a year ago. Feeder pigs weak to 10.00 lower. US No. 1-3 20-35 lbs. 11.00-30.00 per head; No. 1-335-50 lbs. 25.00-38.00; No. 1-3 50-75 lbs. 33.00-55.50 per head.

GRADED FEEDER PIGS: 2150. Compared with 2271 head last week, and 2151 head a year ago. All sales by CWT. Feeder pigs 4.00-15.00 higher. US No. 1-2 30-40 lbs. 135.00-155.00, 40-50 lbs. 116.00-145.00, 50-60 lbs. 97.00-127.00, 60-70 lbs. 102.00-111.00, 70-80 lbs. 79..00-99.00; US No. 2-3 30-40 lbs. 124.00-132.00, 40-60 lbs. 90.00-121.00, 60-85 lbs. 70.00.

SHEEP 495: Compared with 658 head last week and 490 head-a year ago. Wooled Sl. lambs steady to 2.00 lower. Choice 75-120 lbs. 47.00-55.00, few to 73.00; Good 55-95 lbs. 40.00-52.00. Sl ewes 12.00-25.00.

4-H

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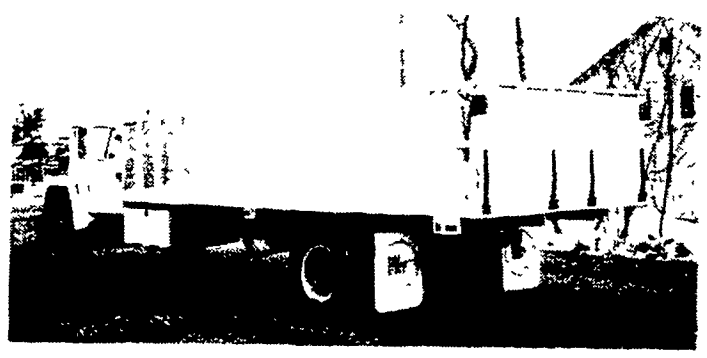

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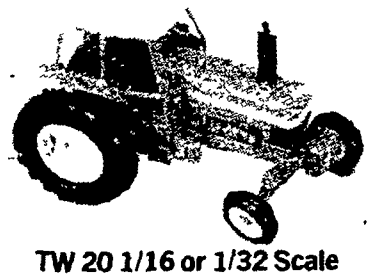

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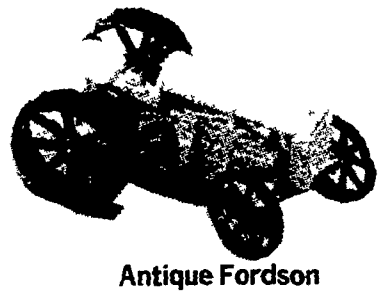
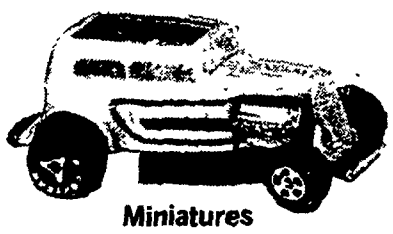
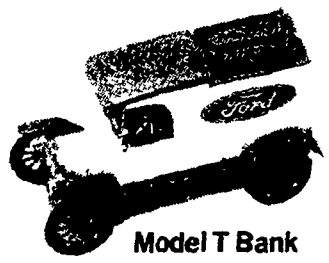


Antique Fordson



Miniatures



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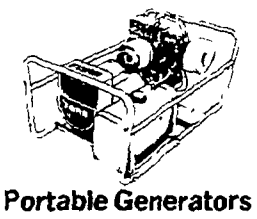

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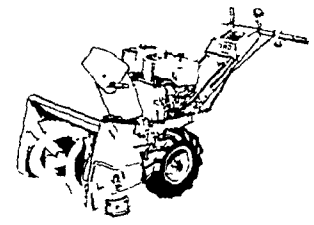

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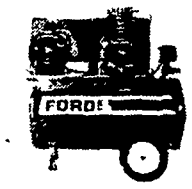
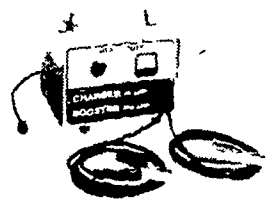


Air Compressors



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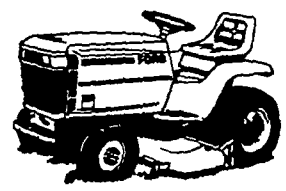

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Block announces dairy deduction collection steps

WASHINGTON, DC — Secretary of Agriculture John R. Block has announced the procedures the U.S. Department of Agriculture will use to collect the 50 cents per hundredweight from the proceeds of milk marketed by the nation's dairy farmers after Dec. 1.

In fulfillling the intent of Congress expressed in the Omnibus Budget Reconciliation Act of 1982, this money will go to the Commodity Credit Corporation to offset part of the cost of dairy product purchases CCC makes under the dairy support program.

Block said the procedures, which will be administered by USDA's Agricultural Marketing Service, are:

—Those who pay the dairy farmers for their milk — in most cases milk handlers and dairy cooperative associations — will make the deductions and pay the CCC. Dairy farmers who sell their milk directly to consumers will be responsible for making their own payments to the CCC.

—Payments are due on the date final payment is made to the dairy farmer. The first deductions will apply to milk marketed in December and payments to USDA on the milk volumes for which they have made deductions.

—Those responsible for making payments will be required to file a brief report to USDA on the milk volumes for which they have made deductions.

The Omnibus Budget Reconciliation Act of 1982 is designed to reduce the cost of the dairy program which has exceeded $2 billion each year for the last two years. Under the Act, the Secretary of Agriculture is authorized to collect 50 cents per hundredweight of milk marketed if CCC dairy surplus purchases are expected to be above 5 billion pounds milk equivalent for the marketing year. Since purchases are expected to be well above this level, the Secretary implemented the first phase of this program Wednesday.

The law also provides for a second phase of this program, Block said. It could go into effect April 1, 1983 — the earliest date authorized by Congress — if estimated CCC purchases are at least 7.5 billion pounds milk equivalent durig the marketing year. This phase provides for deducting an additional 50 cents per hundredweight from dairy farmers' proceeds but calls for a refund to dairy farmers who have reduced their milk marketings by a specified amount, Block said.

No decision has been made concerning the second phase of the plan, but USDA currently anticipates CCC purchases will exceed 7.5 billion pounds.

Block said that while he offered a completely different, simpler and effective solution to the dairy surplus problem for the last two years, Congress and the dairy leadership have refused to accept his proposal and Congress has instead adopted the current program.

Block said while he strongly prefers another approach, he feels he must act responsibly and administer this program to fulfill the spirit and intent of Congress.

Payment procedure regulations for the first phase were published in the Nov. 30 Federal Register. Copies are available from: Dairy Division, AMS, USDA, Washington, D. C. 20250.

USDA officials are sending a copy of the regulations, a letter explaining the plan, a sample report form and instructions on completing it to the people who will be making the deductions.

Bulls on test number 80 in N.Y.

ITHACA, N.Y. — A total of 80 registered bull calves have "made the grade" and are beginning their stay at college as they participate in the New York State Bull Test at the Cornell University Livestock Teaching and Research Center.

The young bulls have been consigned by 47 beef cattle breeders in New York, New Jersey, New Hampshire, Maryland, Pennsylvania and Connecticut. The current "Class of '83" includes 35 Angus, 18 Polled Herefords, 11 Simmentals, nine Charolais, three Red Angus, three Shorthorns and one Salers.

The bulls will be weighed every 28 days and results will be sent to their owners. Those bulls that meet certification standards at the conclusion of the 140-day performance testing program will be offered for sale May 6.

The New York Bull Test is jointly sponsored by the New York Beef Cattlemen's Association, Cooperative Extension, the State Department of Agriculture and Markets, and the animal science department at Cornell. The program gives breeders an opportunity to have young bulls tested under uniform, unbiased conditions and evaluated for genetic and economical traits. The program also gives cattle producers an opportunity to select herd sires that will improve herds and add pounds of weaning weight to calf crops.

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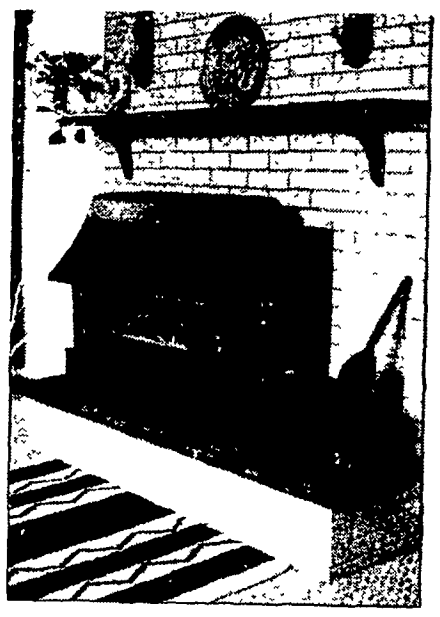

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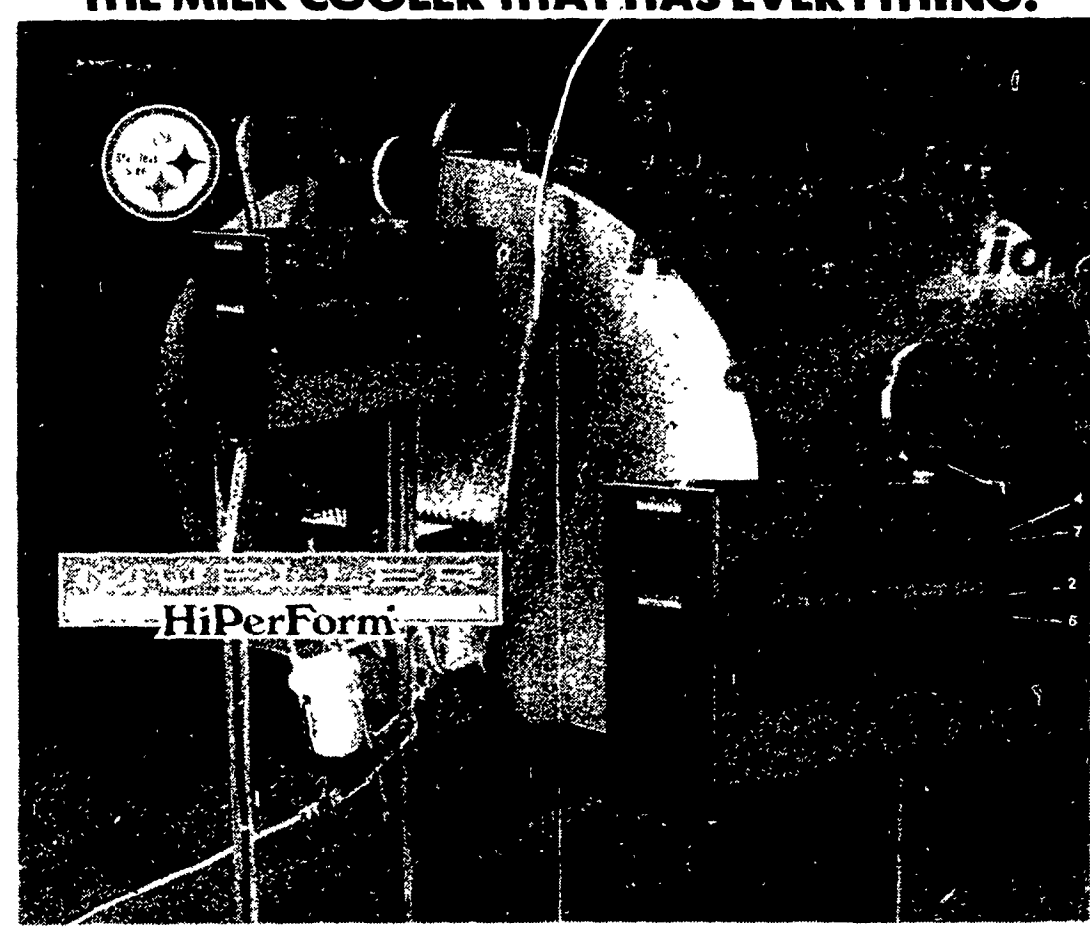

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10'	10.00	13.40	15.02	8.01	11.17	11.00
11'	11.87	—	—	—	—	13.14
12'	12.73	16.08	18.02	9.62	13.40	14.34
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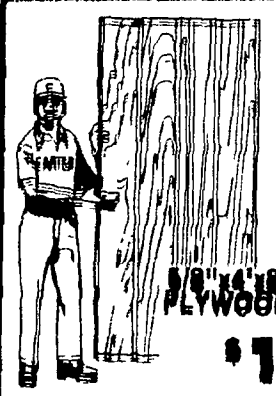

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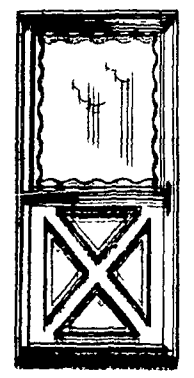

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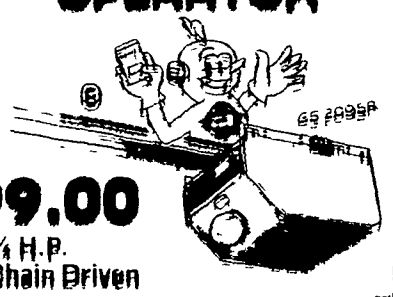

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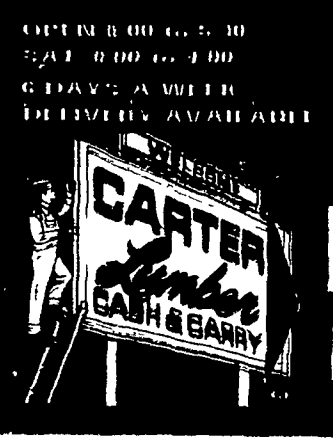

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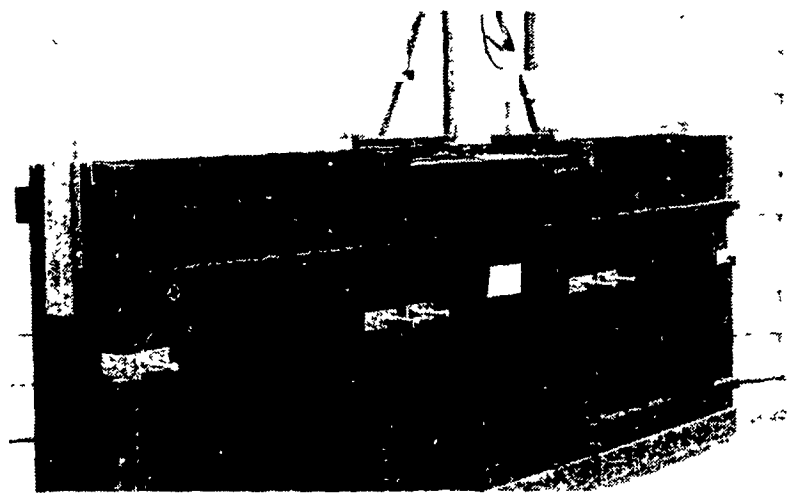
NAILE tags Limousin champs

YKCC Atlantic captured Grand Champion Bull honors at the 1982 North American International Livestock Exposition's Open Limousin Show, held Nov. 19 in Louisville, Ky. The March 27, 1981 son of Seven Forty Seven is owned by Yackley-CMC & Baker Limousin, Onida, S.D.

James C. Linthicum of Welch, Oklahoma showed Miss Cheryl's Image to the Grand Champion Heifer spot a NAILE's Open Limousin Show. She is a July 1, 1981 fullblood Network daughter. Ike Eller of Virginia Polytechnic Institute judged the regional show.

MARYLAND TOBACCO



Maryland tobacco has found its way to market in the Pennsylvania area. A new method has been designed to pack this type tobacco. Size and grade of these bales are important for marketing this tobacco in the Southern States.

A baling box machine should be used which puts up tobacco in 22" bales and weigh 75 to 80 lbs. This size is very important for marketing in Southern auctions. Also lower moisture in this type tobacco is required by the Southern buyers. Cotton twine must be used to tie bales. Proper processing is important. If you have any questions about selling or handling Maryland tobacco, call the local buyers at, E.J. Parker Tobacco Co. Warehouse - Lancaster, Pa. 717-291-5588.

For more information on the three-bin tobacco press call Lancaster Silo Co., Lancaster, PA. 717-299-3721
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At **SCHMECK'S RESTAURANT** On **December 9th 1:00 P.M.** Located ¼ mi. south of Hamburg on Rt. 61

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See how it really works.

Find out how our milking techniques will improve your herd's udder health.
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- Wash it by machine or hand, stains wash out.
- Dry it in dryer or on the clothes line.
- Stays trim, neat & holds it's shape.
- Green

$28.99 Per Pair

Radiator Specialty Starting Fluids

Thrust

- Produces quick smooth starting in all types of diesel & gas engines
- Effective at 65° below zero
- 16 oz can
- M88-15

$1.29

Liquid Fire

- Liquid Fire Quick Starting Fluid has the distinct advantage of fitting in most Diesel Injection Systems & Gas Engines for easier instant starts
- Effective at 65° below zero
- 16 oz can
- M89-11

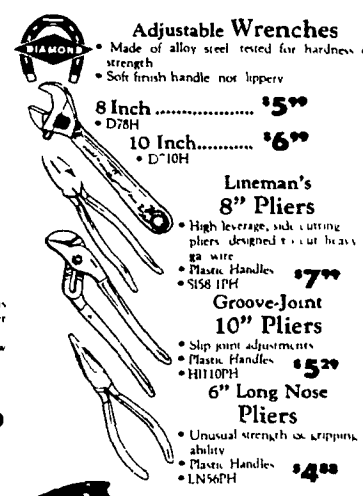
$1.29

Adjustable Wrenches

- Made of alloy steel tested for hardness & strength
- Soft finish handle not slippery

8 Inch **$5.99**
- D78H

10 Inch..... **$6.99**
- D710H



Lineman's 8" Pliers

- High leverage, side cutting pliers designed to cut heavy ga wire
- Plastic Handles
- S158 1PH

$7.99

Groove-Joint 10" Pliers

- Slip joint adjustments
- Plastic Handles
- H110PH

$5.29

6" Long Nose Pliers

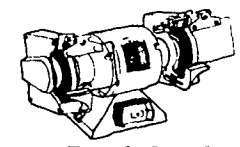
- Unusual strength & gripping ability
- Plastic Handles
- LN56PH

$4.88

Chore Glove

- 2316

99¢ Per Pair



1/2 HP Bench Grinder

- Precision balanced 6" dia wheels solid cast iron base & adj work rests
- Has spark deflectors rear dust ejector removeable wheel guards & heavy duty eye shields
- 506

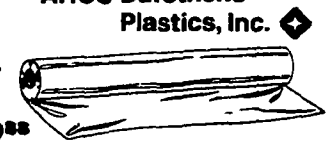
$99.95

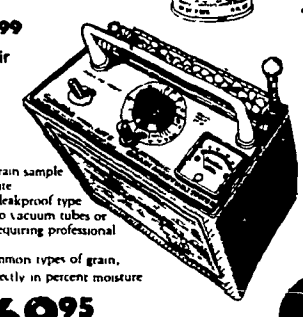
ARCO Durethene Plastics, Inc.

Poly Cover

6 Mil Black

- 20'x50' 620-50 ... **$19.88**
- 20'x100' 620 .. .. **$33.95**





Moisture Tester

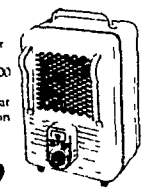
- Capable of testing a grain sample in less than one minute
- Operates on a 6-volt leakproof type battery & contains no vacuum tubes or critical components requiring professional maintenance
- Dial plates for all common types of grain, calibrated to read directly in percent moisture
- MT2

$69.95

Utility Heater

- H D construction ideal for shop, home or camper
- Dual heat selector 1500/1300 watts
- Therm O Dial thermostat with fan forced convection coils & ever-cool case
- 10"W 16"H & 9½ D
- 760

$25.99



Westinghouse Heat Lamps

125 Watt	250 Watt
• 125R-40	• 250R-40
$1.49	$1.49

Brooder Lamp

- 10½" reflector with porcelain socket

$3.99

STANLEY

16 Oz. Claw Hammer • 51 490K	$5.95
Hard Tooth Saw • 26" crosscut saw • 15 350K	$8.88
25' Tape Rule • 25 x 1" wide powerlock blade • Power return belt clip • 33 425K	$10.89

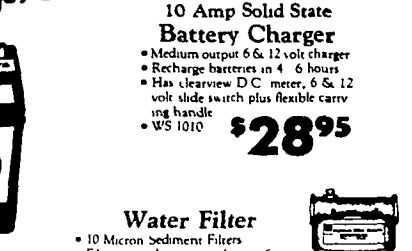
3-Way, Multi-load Grease Gun

- Loads 3 ways, positive action plunger sizes automatically for cartridge or bulk
- E Z air vent cap, safety lock & develops up to 10 000 lbs pressure
- HP1050N

$5.99

5 Point Grease Tube

89¢ Each



10 Amp Solid State Battery Charger

- Medium output 6 & 12 volt charger
- Recharge batteries in 4 6 hours
- Has clearview D C meter, 6 & 12 volt slide switch plus flexible carrying handle
- WS 1010

$28.95

Save on Gas Spark Plugs

Regular **99¢** Each

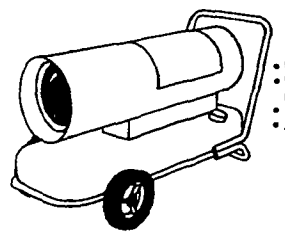
Resistor **$1.09** Each

CHAMPION

REDDY 90,000 BTU Portable Heater

- Ideal for garage or workshop
- Uses lowcost Kerosene or No 1 Diesel fuel
- 110 V ground outlet
- Automatic shut-off control

$259.95



Auto, Truck & Tractor Batteries

BCI Group	Stock No	Cold Crank Amp	Reserve Capacity	Price Includes F E T
24	NC1183	375	780	$39.95
73	C1583	390	75	$39.95
3EE	C2051/C2052	305	80	$59.95
3ET	C2063/C2064	450	147	$59.95
1	C2011/C2012	505	181	$39.95

Water Filter

- 10 Micron Sediment Filters
- Filters particles rust sediment & pipe scale
- Max temp 100°F 125 PSI 10 GPM
- 2111

$19.99

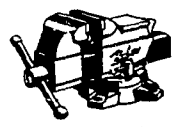
Quaker State Anti-Freeze

$2.99 Per Gal

6" Bench Vise

- Swivel base rugged precision made replaceable steel pipe jaws
- 150

$69.95



Wheel Well Utility Tool Box

- Frees up entire bed for hauling
- Strong steel construction, durable baked enamel finish
- Right or left opening lids, easily installed or removed at trade-in time, 48"L.
- 5-48

$59.95

Splitting Wedge

4 Lb. • 4W	$4.88
5 Lb. • 5W	$5.49

7¼" Skilsaw

- 1 3 4 Hp 10 amp burnout protected motor no load speed of 46000 RPM
- Double insulated for safety equipped with combination blade & blade wrench
- 574

$38.95

4 Lb. Ready-Mix D-Con

- Each package contains 16 ready to-use rat bait trays
- 0261

$5.99

Nuts, Bolts & Flatwashers

- Grade 2 Hex & carriage bolts.
- 1/4" to 3/4" diam & up to 6" long nuts & flatwashers

Buy by the Pound & Save!

10 Lb. Price **89¢** Lb

Cross-Over Tool-Box

- A strong box designed & engineered for maximum convenience, makes space without taking space
- Puts tools in easy working reach, weather tight with hinged cover
- Husky locking paddle, low profile for unrestricted rear vision
- 1A

$79.95

Wholesale 1982 Spell-Binding Specials Page 7

Round Bale Feeder With Hay Saver Panels

- Heavy duty 10 ft. bale feeder with
- Has 10 adjustable panels to accommodate 4 to 7 ft bales
- Holds 1500 lbs of 5 ft bale
- RF50

$115.95

Wood Chop Maul

6 Lb. • 60MA	$12.88
8 Lb. • 80MA	$14.88

Oxy-Acetylene Torch Kit

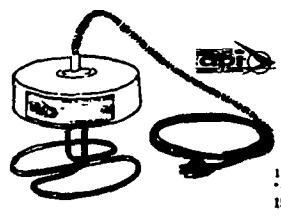
- Economical for cutting welding heating, tempering, brazing & soldering
- Cuts to 5" thick welds to 1/2" thick
- Complete with tubes, cutting head & 20" hose
- 8925C

$139.95

Floating Stock Tank De-Icer

- Safe shock proof sealed terminals & molded base that cannot be touched
- Molded cord with strain relief
- Immersion element heats water fast

1,000 Watt • 1U	$18.99
1500 Watt • 1 1	$20.99



Heat Tapes

- Features new Press to-test thermostat & pilot light
- Light cycles on & off with heater
- 6 wtts per ft 120VAC with 2 ft cold leat & plug

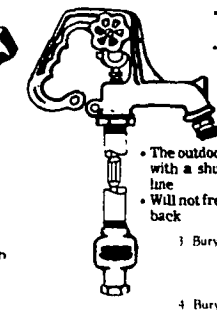
6' Foot	12 Foot	18 Foot
• No AHT6Y	• No AHT12Y	• No AHT18Y
$4.99	$5.99	$6.29

Yard Hydrants

- The outdoor yard hydrant designed with a shut-off valve below the frost line
- Will not freeze as pipe column drains back

3 Bury **$28.95**

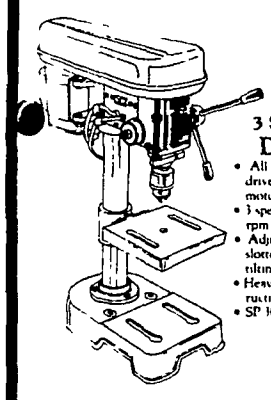
4 Bury **$29.95**



3 Speed Bench Drill Press

- All ball bearing spindle, drive system & 1/4 hp motor
- 3 speeds 700 1560 & 1270 rpms
- Adjustable motor mount, slotted work table with 45° tilting capability
- Heavy duty cast iron construction
- SP 10

$89.99



140 LB. ROTARY FEEDER

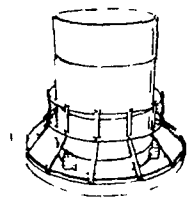
Reg. 128 26

SALE **$106.95**

275 LB. ROTARY FEEDER

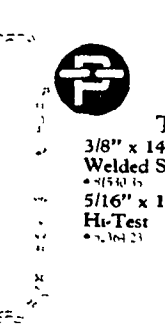
Reg 148.95

SALE **$124.95**



Peerless Chain Tow Chains

3/8" x 14' Welded Steel • 3/8540 15	$18.88
5/16" x 14' Hi-Test • 5/16H 23	$24.88

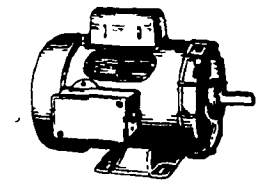


HOMELITE STRING TRIMMERS the finishing touch

Gas-Powered ST-100 String Trimmer

- Trims closer than a lawnmower
- String advances only when idling
- Uses large high-quality 95 dia string
- 20 cutting path
- 1 3 hp 2-cycle Homelite engine
- Adjustable handle
- No ST 100

$99.95

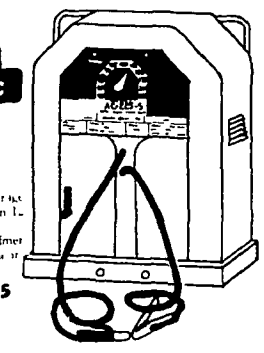


LINCOLN ELECTRIC

225 AMP Electric Welder

- Dual current amperage 90 225 AMPS in 1 set
- Comes with helmet & electrode starting kit
- K1171

$139.95



36½ HP FAN

Reg $299.95

SALE **$199.99**

SHUTTER

Reg. $89.99

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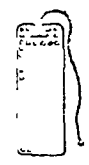
Cool-Air 36" ½ H.P.

CAMLINE HEAT PIG MATS (with controls)

	Reg.	SALE
1'x3'	$29 00	$22.95
1'x4'	$36.30	$28.95
2'x3'	$50 80	$39.95
2'x4'	$61 70	$48.95



	Reg.	SALE
FS-700 Basil Ag Star Crate	$124.74	$89.95
FS-740 Front Door w/ Feeder & waterer	$79.90	$66.95
FS-545 Top Sow Guard	$15 53	$13.95

Electric Motors

- Capacitor start designed for farm duty jobs & many industrial applications
- 1725 rpm 110/230 volts
- Full load 15 0 Amps 115 volt

1/2 HP..... **$89.95**

3/4 HP..... **$109.95**

pipe insurance freeze protection

FROSTEX II

safer Heating Cable

- won't overheat even when overlapped
- use on any pipe even plastic
- more reliable New! new design for long life
- regulates its own heat output without a thermostat
- cut it to any length

$1.35 Ft.

Gundersen Mfg. Co. Indian Blanket Seat Cover

- One piece pick up seat cover
- Cool in summer, very warm in winter
- Machine washable
- 11

$24.99

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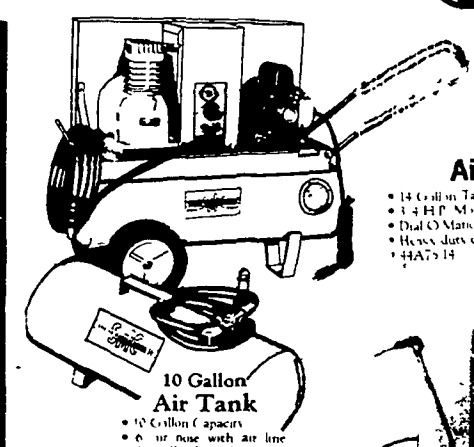


14 Gallon, ¾ HP Air Compressor

- 14 Gallon Tank
- 3 4 H.P. Motor
- Dial O Matic control
- Heavy duty construction
- 44A75 14

$199.99

10 Gallon Air Tank

- 10 Gallon Capacity
- 6 air hose with air line shut-off safety relief valve & air gauge
- 10

$29.95

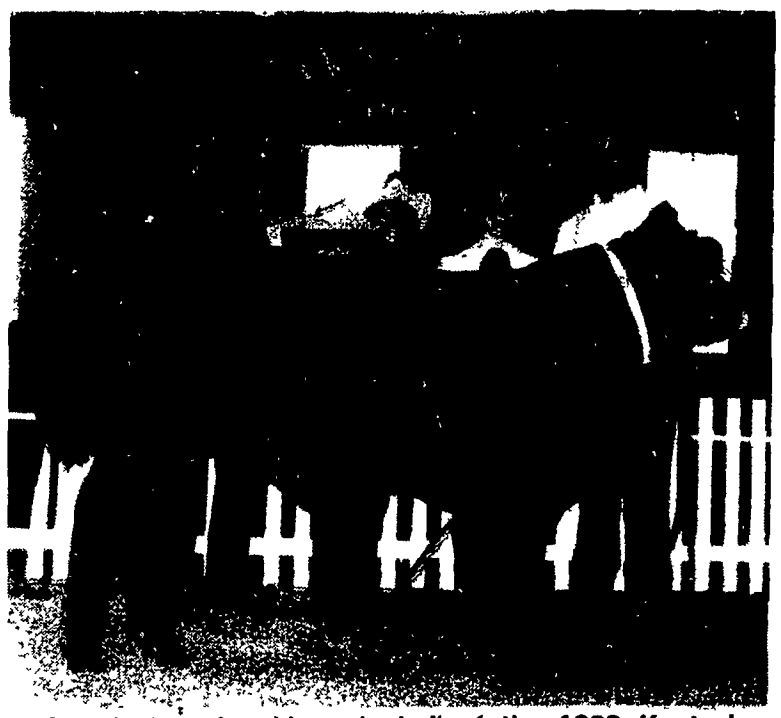
POWER WASHER 500-600 PSI

- Large Wheels

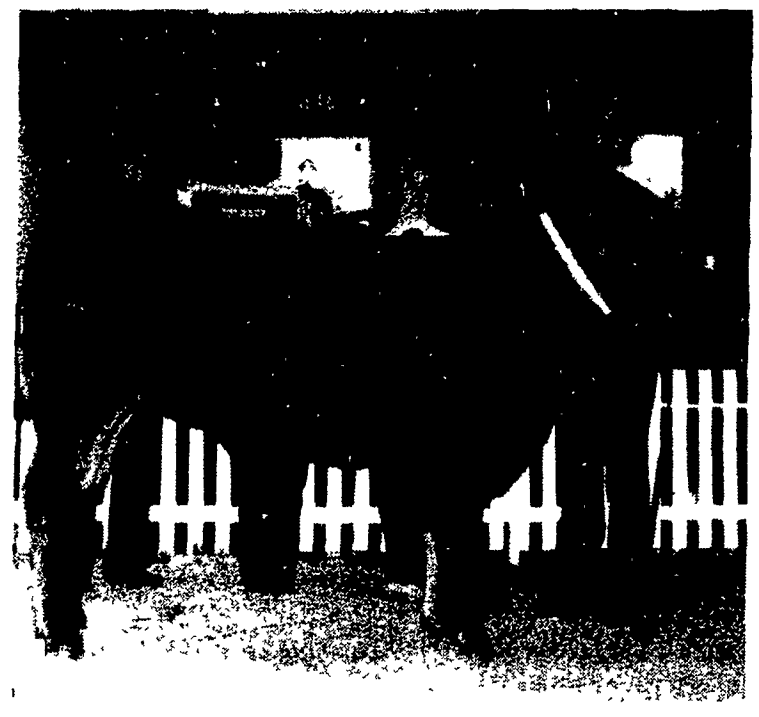
SALE **$299.95**

Reg. $369 95

Worrel takes nat'l Limousin titles



Grand champion Limousin bull of the 1982 Kentucky National Limousin Show, held Nov. 18 in conjunction with the North American International Livestock Exposition in Louisville, Ky. was WLCC Winchester. This Nov. 14, 1981 son of Innovator was shown by Worrell Lane & Cattle of Charlottesville, Va. Carla Chenette of the U. of Kentucky judged the Limousin sale show.



Worrel Land & Cattle also exhibited the grand champion female of the Limousin sale show. WLCC Marsha is a May 1, 1981 daughter of Klondike.

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The Diesel For:
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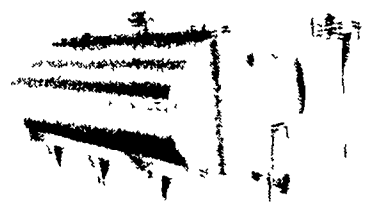

MODEL "OH"

MODEL "MHL"

- Mueller-Matic® Automatic Washing System (Standard equipment on Model "OH" and optional on Model "MHL").

USED TANKS

300 Gal. Girton — 400 Gal. DeLaval
1000 Gal. Milkeeper

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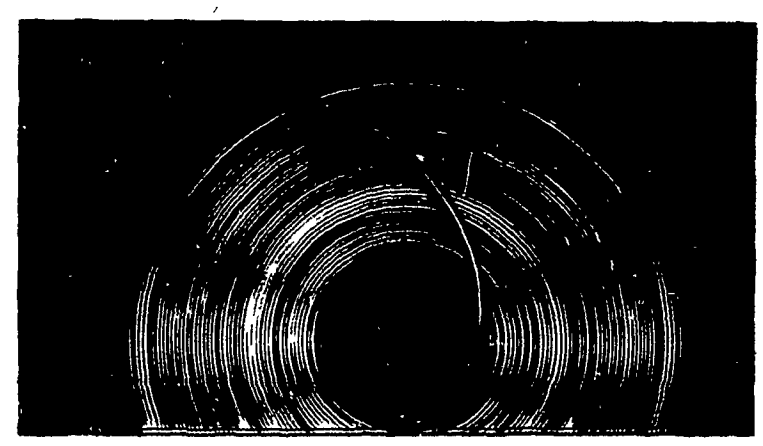
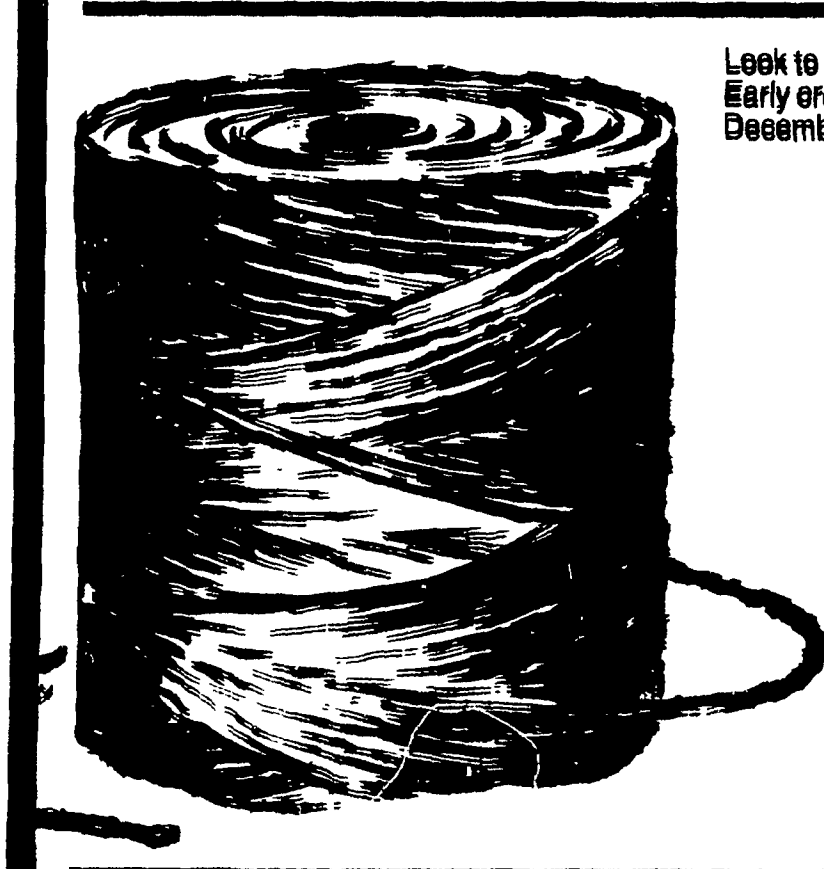
ORDER EARLY AND SAVE





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9,000'	10,000'
40 lbs.	40 lbs.
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Your Choice **$20.45***

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9,000'	16,000' Big Round
20 lbs.	16 lbs.
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AGWAY answers your needs

U.S. Angus sires S. American champs

ST. JOSEPH, Mo. — Cattle sired by U.S. Angus bulls won all the grand championships and nearly all the championship awards at the three major South American national cattle shows in Argentina, Uruguay and Brazil this fall.

At the large Argentina National Livestock Show Aug. 8-16 at Palermo, a suburb of Buenos Aires, the grand champion Angus bull was Primavera Premier Progreso 6111, a two year old sired by Premier Progressor and shown by Estancia La Primavera. The reserve grand champion was La Nicolasa Super Bull 2147, sired by La Nicolasa Top Priority, a son of WAF Top Priority shown by Estancias Busquet.

The grand champion heifer at Palermo was a daughter of PS Power Play. She is Primavera Camilla Belle 6251, shown by Estancia La Primavera. Reserve grand champipon heifer was sired by KC High Chapparral, and shown by Gutierrez Brothers.

Other U.S. sires of Palermo champions included: WAF Top Priority, Sir William Programmer 2506, and Black Marshall 482.

At the El Prado Show, Montevideo, Uruguary, Aug. 20-28, the grand champion Angus bull was a two-year-old son of Bell Boy Successor. The bull is Bayucua 4070 Boy Northern owned by Salvador Mattos e Hijos. The reserve grand champion was by Premier Stardom, Guazubria Star 1112, shown by Juan Garcia Vidal. Franchester of Wye was sire of the grand chamion female, also shown by Vidal. Calimla Byergos 36 sired the reserve grand champion female shown by Nelson Bittencur. Other U.S. bred sires of champions at the show were: Blacklock McHenry 13Y, Schearbrook Shoshone, and Bon View Connection.

At the Esteio Show, Porto Alegre, Brazil, Aug. 29-Sept. 3, the grand champion Angus bull was Garupa Sentry Great 11452, a son of Ankonian Sentry and shown by Dr. Lauro Dornelles de Macedo of Estancia Azul. The same firm also showed the reserve grand champion, a September 1979 son of Blacklock McHenry 13Y.

Carla Sandra Staiger showed both the grand champion heifer, a daughter of Ken Caryl Mr Angus 8017, and the reserve grand champion heifer, a daughter of Ankonian Centennial. Sayre Patriot and Dakota Poundmaker 375 also sired Esteio show champions.

U.S. Angus cattle become more popular each year in the cattle producing countries of South America, according to Dick Spader, executive vice president of the American Angus Association. A number of live bulls and females are sold to these countries, but many of the most popular Angus sires in the U.S. are also used heavily in Latin America by artificial insemination.

Heifer Project sends animals to Liberia

NEW WINDSOR, MD — On Nov. 27, 1982, Heifer Project International sent a small shipment of animals to Liberia, in West Africa. The shipment included 16 pigs, 38 rabbits and 30 pair of breeding pigeons. The animals were delivered to the Rural Development Institute of Cuttington University College in Monrovia, Liberia.

The Rural Development Insititue was formed in 1979 with assistance from the Cuttington University College, the Episcopal Church in Liberia, and U.S.A.I.D. The Institute offers a two year agricultural technical degree program for high school graduates interested in agricultural careers at middle-level positions. The training is designed to prepare young men and women to assist small farmers in improving their agricultural production for food and cash income through technological adaptations.

The program of study for each student includes not only classroom and laboratory study, but also a practical work program on the Cuttingham College Farm, where the animals just sent will be located. Each student is required to work every day for three weeks in a farm activity before rotating to a different area or activity. They will learn from this practical work as their classroom studies develop their understanding of the technologies, organic processes and management techniques involved. The program is designed with the needs of the Liberian Extension Service chiefly in mind, in which nearly half of the graduates are expected to be employed.

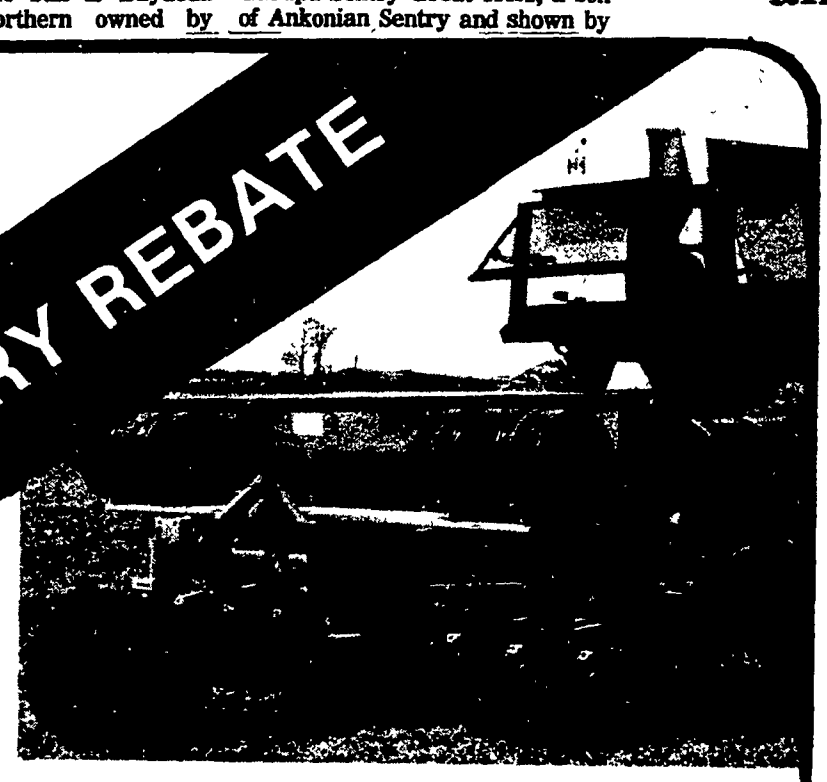
All the animals sent by Heifer Project will be located on the Cuttington College Farm, and will be used in the education of the "agricultural extension" students. Offspring from these animals will eventually be sent with each ag extension agent so that they may begin their own livestock production programs in their areas, and additional offspring will be distributed to small needy farmers through the newly graduated extension agents.

Heifer Project International is an interfaith, nonprofit organization that provides livestock and related agricultural aid to people in developing areas in the U.S. and overseas. Since its founding in 1944, tens of thousands of families have received training and shared in the distribution of over 70,000 food producing animals and nearly two million baby chicks.

Currently, Heifer Project is supporting more than 200 projects in Asia, Africa, Latin America, the Caribbean, and in the United States. For additional information on the above project, or on any project being supported by Heifer Project, contact the Mid Atlantic Regional Office of HPI at P.O. Box 188, New Windsor, Md. 21776.

HAYBUSTER

$1200 FACTORY REBATE



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THE HAYBUSTER 1068 NO-TILL DRILL...

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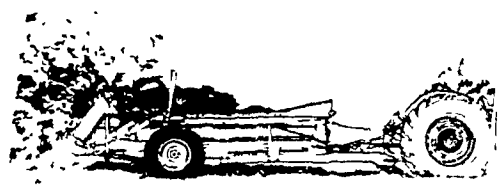

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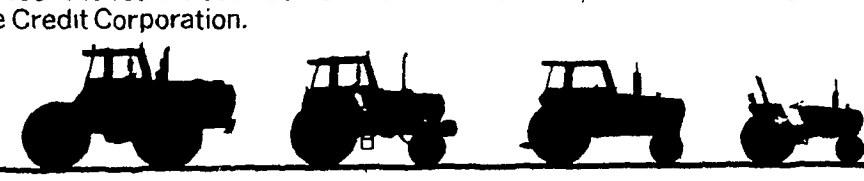

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Livestock market and auction news

Omaha Cattle

Thursday, Dec. 2
Report Supplied by USDA

Compared to previous week's close, slaughter steers and heifers ended the period 50C higher. Cows steady to 50C higher. Bulls steady.

Buyer demand continued good through the week and rather liberal day-to-day receipts found ready outlets. Numerous cattle were sold for slaughter outside the normal trade are (western Kansas-Colorado) and this a major factor in the market's stability. The overall finish proved less attractive than recent weeks with more "Shorter-Day" cattle apparent in the run. Due to wet weather in the area, some cattle have accumulated a degree of mud and this causing some concern in the trade. Needless to say, yield grade 4's still discounted at every opportunity. Steers comprised 45 pct. of week's receipts; heifers 28 pct.; cows 7 pct; feeder 19 pct. four day receipts 14,494; last week 9,119; year ago 12.650.

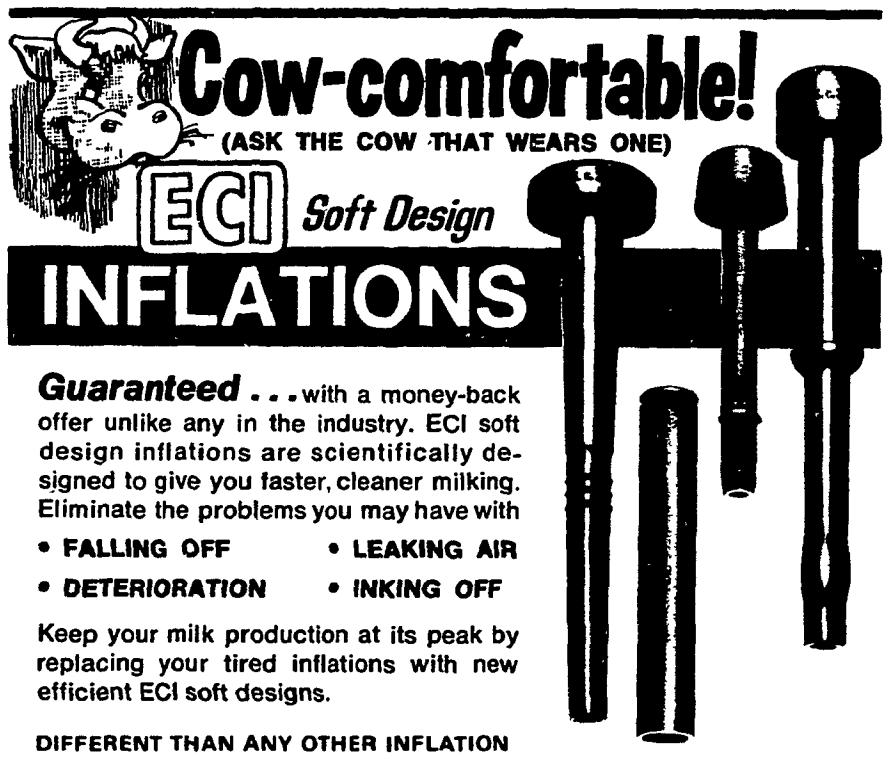
STEERS: At the close, load choice 2-4 1300 lbs. 61.00. Choice 2-4 1000-1300 lbs. 59.50-60.25, load 60.50. Several choice 3-4 1150-1275 lbs. 58.00-59.25. Mixed Good and choice 2-3 1050-1200 lbs. 58.00-59.50. Good 57.00-58.00. Pen good and choice 2-3 near 1125 lb. holsteins 53.50.

HEIFERS: Few loads and packages choice 2-3, few 4's 975-1050 lbs. 58.25. Choice 2-4 925-1100 lbs. 57.00-58.00, few consignments carrying mud 56.50. Mixed good and choice 2-3 900-1050 lbs. 56.00-57.50. Good 52.00-56.00.

AVERAGE OF LS 214, Detailed quotations for 900-1100 lbs. choice steers 59.52; 1100-1300 lbs. 60.10. Average cost steers 59.50. Average weight 1170 lbs. as compared 58.14 and 1171 lbs. a week ago. average cost heifers 57.32 average weight 1020 lbs. as compared 56.45 and 1009 lbs. last week.

COWS: High cutter, utility and commercial 1-3 33.00-36.00. Cutter 32.00-34.00. Canner and Low cutter 31.00-32.00.

BULLS: 1-2 1100-1800 lbs. 45.00-48.00. MFM.



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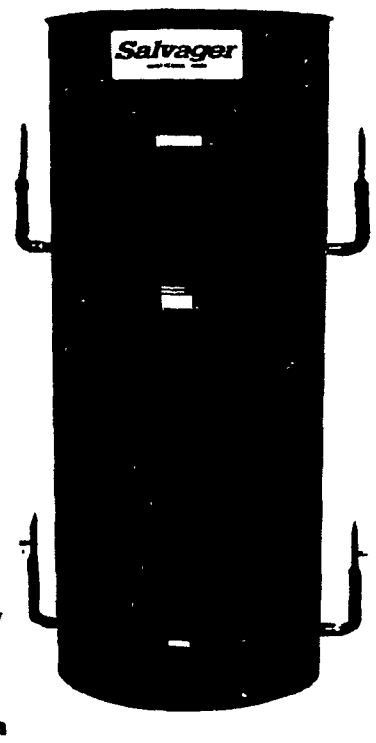

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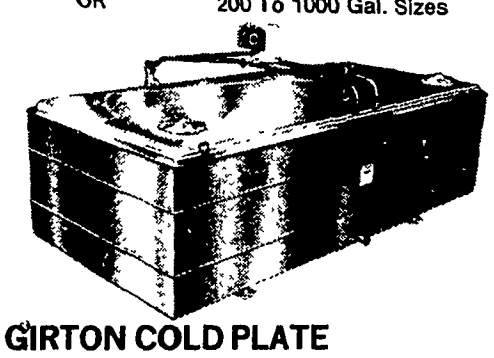

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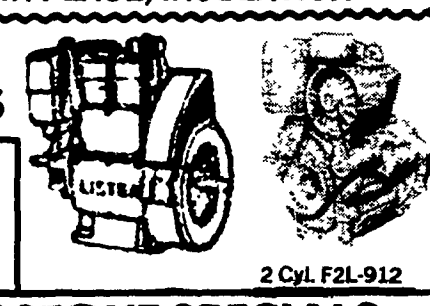

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Local Ag Board instigates establishment of tax breaks

BY DEBBIE KOONTZ

LANCASTER — Detailed regulations on tax breaks for those farmers who voluntarily place deed restrictions on their land, 'in perpetuity,' or forever and a day, are forth coming in six weeks.

This was the news ten Lancaster Countians received Thursday when, in yet another attempt to make Lancaster County a state leader in agricultural preservation, they journeyed to Washington D.C. to meet with dignataries in a day-long session to discuss tax exemptions for such farmers.

As it stands now, the Internal Revenue Service recognizes deed restrictions on agricultural land as a 'qualified conservation contribution' since the farmer is taking less than fair market value for the real estate sale due to the farm's restricted use. But says James Huber, county commissioner and one of Thursday's participants, the IRS had not yet, after 18 months of recognizing the restrictions, established any regulations to implement this provision.

"We want the IRS to name regulations so that when we (the Agricultural Preserve Board) want to encourage someone to put a deed restriction on their farm, we can say, 'look if you put this on your farm, you'll be receiving a tax savings of this much.' We want to be able to show them exactly how they'll benefit. Right now it's kind of guess work," Huber explained Thursday morning before leaving for the trip.

And their goals seemed to have been accomplished, because after the regulations are presented, Huber says there will be a period of 90 to 120 days when public comment may be made. After the comments are considered, the new regulations will be passed by the U.S. Department of Treasury.

According to Huber, it's urgent that the regulations be established soon because Lancaster County already has two farmers who have signed deed restrictions — Ivan Martin of Ephrata and George Baum from Elizabethtown — and possibly five more ready to follow suit.

Traveling with Huber to the capital were an overall representation of both the agricultural and legal fields, including: attorney James Thomas; Amos H. Funk, chairman of the Ag Preserve Board; Aaron Stauffer, vice chairman of the Board; Paul B. Whipple, agribusinessman; Robert A. Schoch, planner; Clifford B. Huffman, appraiser and realtor; William H. Forrey, president of the Home Builders Association; Michael Pflieger, farm youth and FFA member; and David Watts, staff member of the Board.

Pa. State Agriculture Secretary Penrose Hallowell and Chris Allen, director of the Pennsylvania Farmland Project, also met with the group in Washington.

The session, pre-arranged by instigation of the Lancaster Ag Board and the coordinating efforts of U.S. Congressman Bob Walker, also sported such guests as Congressman James Jeffords, Steve Perry from Senator Heinz's office, representatives from Governor Thornburgh's office, Chris Vaughn, assistant to the Secretary of the Treasury, and representatives from the Internal Revenue Service.

Huber describes Thursday's meeting as "very fruitful and encouraging. It was the first time there was a meeting of this sort between the grassroots people — the people involved in farming and preservation — and the top echelon.

"Another encouraging factor," Huber says, "is an offer made by members of the IRS to help us if we have any problems or questions regarding deed restrictions, at least until the new regulations are established.

"Basically," he adds, "we accomplished everything we wanted to, and we're pleased with how receptive everybody was to our presentations."

Grass-legume forage needs less fertilizer

ANAHEIM, Ca. — Savings ranging from $45 to $110 for nitrogen fertilizer needed annually per acre of forage may be realized by livestock producers who plant grass-legume combinations, said agronomist Lynn E. Sollenberger of the U.S. Department of Agriculture and Penn State.

Sollenberger, speaking here Wednesday at the annual meeting of the American Society of Agronomy, described experiments in which perennial ryegrass was grown with commercial nitrogen fertilizer or with either of three legumes: alfalfa, red clover, and birdsfoot trefoil.

After the first year's planting, between 120 and 240 pounds of nitrogen per acre would normally have been needed on pure grass plantings to equal the forage and crude protein yields of the legume-grass plantings, Sollenberger said. Furthermore, Sollenberger, working with USDA's Agricultural Research Service, found that after the second season between 165 and 400 pounds of nitrogen fertilizer would have been needed. This wide range was due to differing production potentials for the three legumes.

Legumes such as soybeans, alfalfa, and clover enrich the soil with nitrogen. These plants contain bacteria called rhizobia in nodules on their roots. Rhizobia capture nitrogen from the air and also capture hydrogen atoms from sugars in plant tissues to make ammonia, the basic ingredient of nitrogen fertilizer, said Sollenberger.

Sollenberger and colleagues William C. Templeton, Jr. and Richard R. Hill of ARS's Pasture Research Laboratory at University Park, measured the protein content of the pure grass plots and the grass-legume combinations by near-infrared reflectance spectroscopy. The NIRS technique measures light reflected by forages with known protein, them compares light reflected by unknown forage samples. A computer then calculates the protein content of the sample within a few minutes.

Sollenberger said that use of legumes could eliminate the need for large quantities of nitrogen fertilizer. Considering that well-managed grass-alfalfa stands last for five years or longer, the savings in nitrogen costs make perennial forage legumes a very attractive option for increasing forage production for feeding livestock.

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Top DHIA herd in state

Life is brimming at Londondale

BY DONNA TOMMELLEO

PUNXSUTAWNEY — "You're not going to believe some of these figures," Dennis London announces to a recent visitor at his family's Jefferson County dairy.

Flipping through the DHIA barn sheets and individual records, Dennis points to a few of test date figures, starting back in April 1982.

"I don't know what happened," he says shaking his head.

But Dennis' attitude is not one of dismay, rather pleasant disbelief, because London, his brother Jim and father Arthur piloted the top DHIA herd in the state for both milk and fat.

This year, the Londons' 51 Holsteins pumped an average of 23,956 pounds of milk and 912 pounds of fat through the pipeline.

During the county's recent Holstein Club awards banquet, 10 plaques were awarded for production — the London's walked off with nine.

The three men had a little help, though. Outstanding herd members like Londondale Bootmaker Denise, the Excellent-91 Bootmaker daughter who is projected at 32,000 pounds of milk and 1,200 of fat in this her second lactation. The big black Holstein entered the herd with a bang, too.

As a first calf heifer, she started out very wet with 29,157 pounds of milk. A few stalls down, her Excellent Gay Ideal dam turned in a lactation of 31,867 pounds of milk and 1,077 pounds of fat. And the list of work horses goes on.

During April, it seemed that pasture heartily agreed with the Londondale black and whites. The barn sheets listed several cows over 100 pounds a day, with figures of 110, 109, 118 and 122 to name a few.

Meanwhile the test rolled right along, also. One Holstein who milked 118 per day in April turned in an incredible 6.6 test. She's working on her fifth consecutive 1,000 pound fat record, says Dennis.

When the Londons first went on test in 1975, their high cows averaged 55 pounds daily.

"We didn't have a month this year that didn't average that for the whole herd," Dennis recalls.

The herd includes 23 registered animals. Arthur owns the grade Holsteins, while Dennis and Jim have been bitten by the registered bug, says Dennis. He notes that ultimately, the brothers have designs on merchandising breeding stock.

Denise, their very wet Bootmaker has provided the Londons with a Marvex daughter first time around and a Thumbpride Perfection son to kick off this lactation.

Her young bull, Londondale Perfect Diamond, has been syndicated, Dennis explains. The Londons own one fifth of the 8-month-old bull, who will be sampled and marketed through the Holstein Association's Sire Developement Service.

The show ring, says Dennis, may figure more heavily in future promotion of Londondale stock. Currently, the family is a familiar fixture at the Jefferson County Fair, where for the past four years they've earned the Premier Exhibitor banner and for the last three out of four they've claimed the Premier Breeder award.

During the state Holstein show in Meadville this fall, the Londondale show string was absent because the classifier was in town. When it was all over, the report card on 20 Holsteins read: five Excellents, nine Very Goods, five Good Pluses and one at 79.

The Londondale prefix has appeared at a few consignment sales, specifically the state convention sale.

"A lot of people are trying to buy our Bootmaker — but she's not going," Dennis affirms.

"After we get a permanent score on her we're going to flush her," he adds. Presently, the milky Bootmaker is bred but not confirmed to Browncroft Jetson.

Arthur London and son Dennis flank one of the leading contributors to this year's top herd. Londondale Bootmaker Denise, projected at more than 32,000 pounds in her second lactation, is one of five cows which scored Excellent for the Punxsutawney family, this fall.

The barn sheets tell all. Dennis, left, and Arthur glance back over the "wet" year they have enjoyed. The Londons' 51 Holsteins led the state in milk and fat with a rolling herd average of 23,956 pounds of milk and 912 of fat.

While working toward an all-registered saleable herd, Dennis admits the Londons will have to cull a little heavier.

Unless a cow is a super milker, says Dennis, she won't stay in the herd with less than a Very Good score as a mature cow. A little more lenient for heifers, Dennis says most of the young animals are freshening at 17,000 or 18,000 pounds.

Lack of young animals on this year's test may have added to the London's top average.

"We didn't freshen a whole lot of heifers last year, only about eight or ten," Dennis explains. However, in just the last two months, more than a dozen heifers have calved at Londondale.

While, Dennis and Jim provide all the comforts of home for the herd in the barn, Arthur heads the fieldwork chores. The farm's 267 acres, which includes some woodland is planted in 140 acres of hay, 60 of corn, 30 in oats and 50 in pasture.

Unlike this year's less than optimal conditions for hay, the Londons' 1981 hay crop provided the herd with good quality forage, says Dennis.

Each morning, before milking, the herd is fed haylage, mostly alfalfa and grass mix. After milking, grain is scooped into the trough and covered with long stem hay.

In 1981, the Londons' fat test averaged about 3.5 percent. At the time, they fed the grain separately.

After they began feeding grain with hay on top, the Londons watched their test climb three points to this year's 3.8 average.

Their grain mixture is comprised of dry ear corn, oats, wheat bran, corn distillers, 42 percent soybean meal, minerals, selenium, and bicarb.

The herd is fed based on stage of lactation and condition.

"If a cow starts getting too heavy, we cut her back," Dennis notes.

than 80 pounds daily receive an added high cow supplement at a rate of one pound for every three pounds over 80. The special mix contains, oats, corn distillers grain, 42 percent soybean meal, vegetable oil, molasses, vitamins and minerals.

The Londons' first launch into pedigreed merchandising could very well be this 8-month-old bull. Londondale Perfect Diamond, out of an Excellent Bootmaker, has been syndicated and entered into the Holstein Association's Sire Development Service. His dam turned in a first lactation record of 29,157 pounds of milk and is projected at 32,000 pounds of milk and 1,200 of fat her second time around.

At noon, the Londons feed corn silage in the winter. During summer, hay is fed at noon. The evening feeding replicates the morning ration. Hay is fed once more, the last chore of the evening. During summer, the herd is pastured in the evening for their forage.

While milking, Dennis and Jim run two units each. After a bout with mastitis, the brothers began dipping each unit in a separate udder wash bucket and Dennis reports a drop in infection.

"We quit that practice for a while, but it (mastitis) seemed to come back," he notes. In addition, the brothers employ the use of a strip cup and teat dip.

Herd sires represent quite a celebrity line-up of black and white bulls. In fact, Dennis estimates the Londondale tank holds at least 80 different bulls.

To name a few, the proven sires include: Sexation, Tempo, Superblend, Very, Oakstar, Citation R, Columbus, Bootmaker, Fond Matt, Elevation, Arlinda Chief, Sir Christopher, Persuader, Jet Stream, Chairman and Valiant.

Was it the feeding, breeding, cropping, luck or a combination that sent the Londons — Arthur, Ruth and sons Jim and Dennis — to the top of the state DHIA charts?

"Things just worked out," says a modest Dennis London.

At any rate, the avenues traveled may be overshadowed by the fact that they have arrived.

Limousin breeders measure progeny difference

DENVER, Colo. — If industry leaders are reading the road signs correctly, cattlemen are headed *toward greater use of performance* records — and sire summaries, breeding values and inherd records are the vehicles breeders will use to reach this destination.

Records, computers and merchandising were the major topics addressed when more than a dozen speakers gathered for "Direction '82," the recent Limousin breeders symposium in Wichita, Kan.

Keynote speaker Roy Wallace, Select Sires, Inc., says the increasing market for Limousin breeding stock should not prevent seedstock producers from becoming more selective.

Commercial operators are looking for calving ease, growth and milking ability, Wallace says, and these economically important traits should be reflected in the purebred breeder's performance record program and selection process. Each factor should have an independent culling level, and Wallace says strict adherence is important because "the commercial man judges the entire breed by the last bull he bought."

One type of performance data that breeders should use is the sire summary. Larry Benyshek, author of the 1982 Limousin Sire Summary, explained that the summary allows producers to compare bulls, one pair at a time, by looking at the Expected Progency Difference. The EPD measures the sire's transmitting ability for birth, weaning and yearling weights. The EPD difference between two bulls predicts the expected weight difference between the offspring of the two sires, if used in the same herd.

Another area of performance gaining more and more attention is frame score, and A.L. "Ike" Eller, Jr. explained the reasons for skeletal measure. Eller, Extension specialist at Virginia State University, says frame size, measured at the hip, provides a description of the meat animal package and a basis for selection. Frame score also correlates with the commercial industry and can be used as a type of sales appeal. Skeletal measurement is positively correlated to weight and, along with fatness, can accurately describe an animal's size, Eller said.

When selecting for specific traits, producers should remember there are tradeoffs in breeding programs and "maximum ain't optimum," warned Dr. Jim Gosey, Nebraska State Extension specialist. There is a balance between production, economics and resources; and a producer's goal is not necessarily maximum production, but maximum return on investment, Gosey said.

Ray Sammons, Texas A & M Extension, says microcomputers will have an increasing role in the cattle business in the next few years. Computers can be used for budgeting, record keeping and a multitude of other purposes.

Wayne Vanderwert, University of Illinois, says a microcomputer system, including a line printer, can be set up for about $3,000 to $4,000, with programs ranging from $10 to $75 each. Programs are available to handle nearly any type of management task: figuring rations or break-even prices, for example.

Performance records should be emphasized when cattle are being sold, as well as during selection, according to a merchandising panel. Bulls should be priced according to performance, and sellers should follow up on bulls they have sold. The panel said sale catalogs should be kept as simple as possible, limiting performance data to three major traits. The panel also suggested a standard format for catalogs, with definitions of the performance traits listed.

Fact sheets on manure spreader calibration available

NEWARK, Del. — Farmers who raise livestock can cut fertilizer bills by using animal manure to help meet nutrient needs of their crops. To do this, they must have the manure tested and also adjust spreaders so they'll know how many tons they're applying.

"Calibrating a manure spreader is a simple, easy practice that can help you use nutrients from manure more efficiently," says Ross Harris, University of Delaware Extension specialist in environmental quality.

To help farmers do this, he has prepared two fact sheets which describe spreader calibration procedures — one for solid or semisolid manure, the other for liquid, solid or semisolid materials.

Each procedure takes less than an hour but could save a grower hundreds of dollars. "By knowing the application rates of your spreader, you can apply correct amounts to meet crop needs," Harris says. Over-applying manure wastes nutrients and increases the chance of groundwater contamination. Wise use of this resource benefits both crops and your pocketbook.

Copies of the fact sheets on calibrating manure spreaders are available free at Delaware County Extension offices in Newark 302/738-2506, Dover 302/736-1448, and Georgetown, 302/856-5250.

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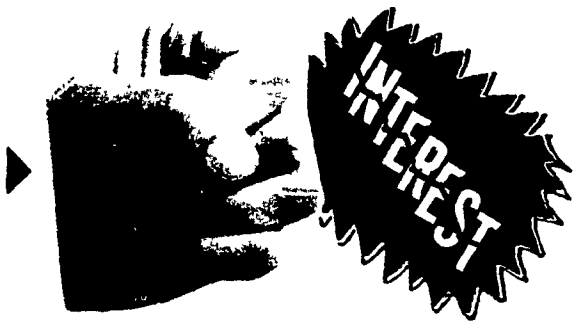

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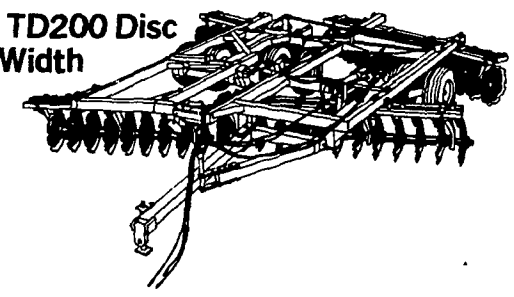

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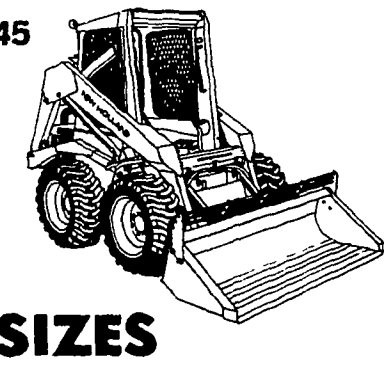

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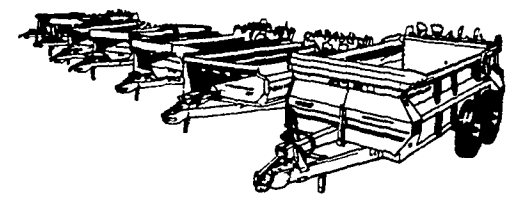

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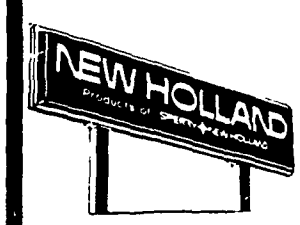

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Appalachian Mtn. Club joins Forest Service in volunteer project

WASHINGTON, D.C. — The U.S. Department of Agriculture's Forest Service and the Appalachian Mountain Club are cooperating in a national program to increase volunteer efforts in recreation management.

In announcing the effort last week, Secretary of Agriculture John R. Block said the project will enable the club, headquartered in Boston, to share its 106 years in cooperative recreation management experience with other organizations nationwide.

"The Appalachian Mountain Club is a tremendous example of this nation's spirit of volunteerism," Block said.

"This 25,000-member association has an outstanding record of volunteer work with the White Mountain National Forest in New Hampshire. Now, the club will expand its efforts to other areas."

A grant from the Richard King Mellon Foundation is making the three-year project possible.

The program aims to produce at least six long-term partnerships among land management agencies, volunteer groups, states and others, to build and maintain trails, maintain campgrounds and do other recreation work.

Block said the Forest Service, the nation's largest supplier of outdoor recreation, will provide many of the work opportunities. As a result, the agency expects to significantly increase the participation of volunteers in recreation management programs on lands administered by the Forest Service and other government units.

Under the agreement, the agency will provide federal liaison, staff expertise and other support.

Block said the national volunteer program already is producing results.

During a recent weekend, he said, almost 200 people from various volunteer groups and government agencies cleaned up and rehabilitated an open area owned by the city of Albuquerque, N.M. The new city park will provide hiking, picnicking and other recreational activities, as well as access to trails in the adjacent Cibola National Forest.

Other partnerships, many involving trail work, are being set up in parts of Florida, Pennsylvania, Washington, Colorado and California. The Forest Service manages a considerable amount of recreation land in each of these areas.

"We look forward to working with the Appalachian Mountain Club to build solid partnerships between the government and the public," Block said. "Besides allowing us to do work that otherwise couldn't be done, the national volunteer program will help promote better local stewardship of lands used by the public, for the benefit of all."

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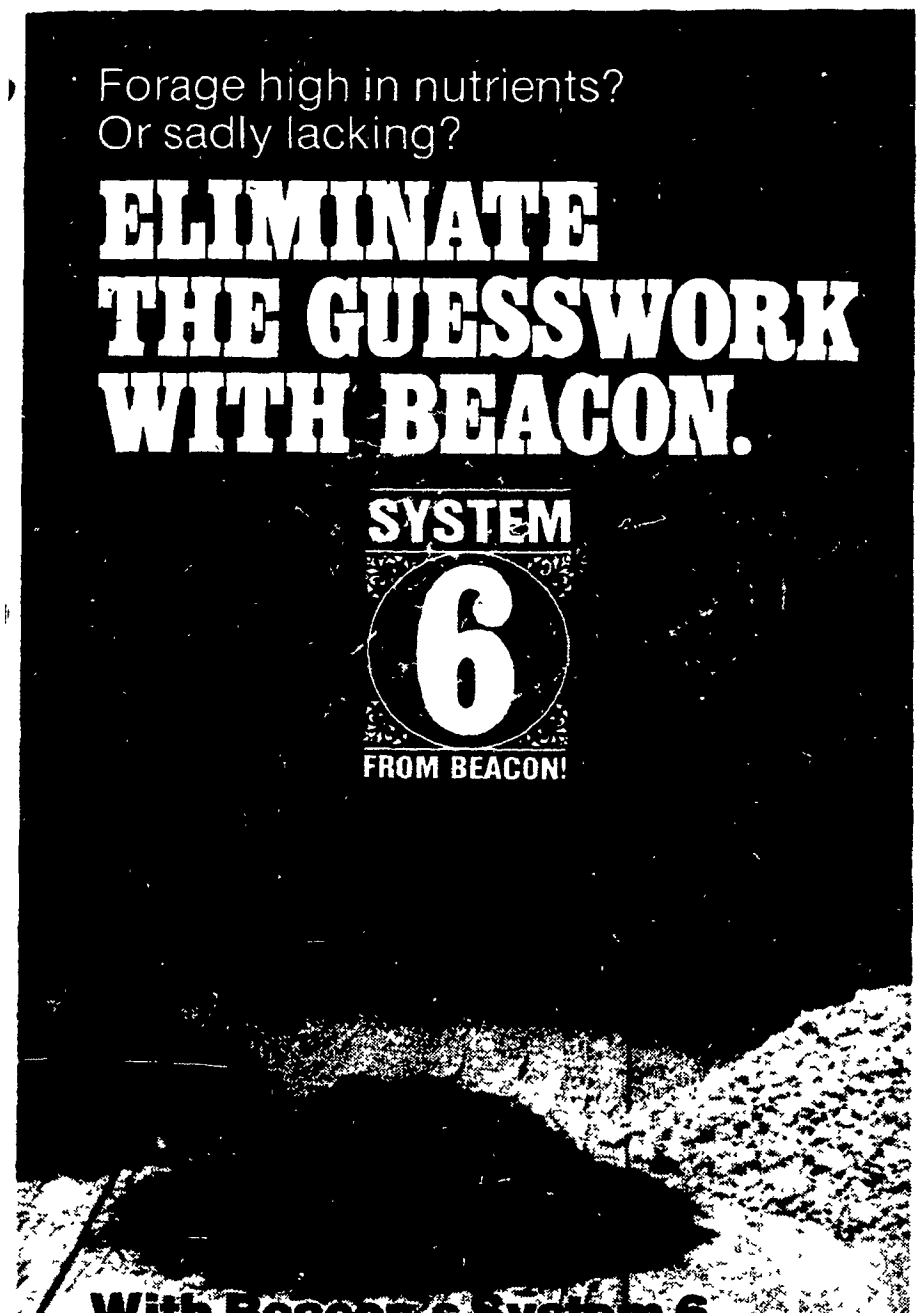

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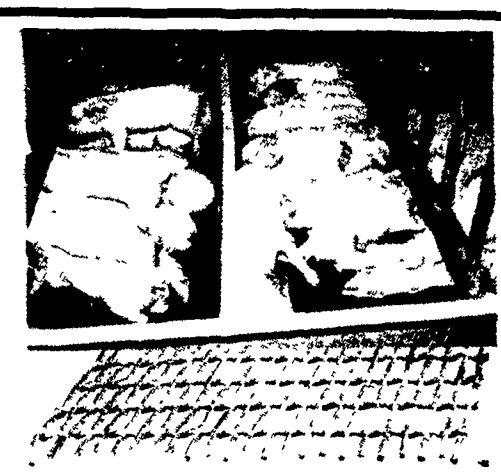

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Godshall shows top capon

MOUNT JOY — A capon auction was held at the Mount Joy Rotary Club's meeting last week. Members of the 4-H Capon Club, which is part of the Elizabethtown-Donegal 4-H Community Club, presented the dressed birds for judging and auctioning.

Steve Godshall, son of Dr. and Mrs. Stanley Godshall, 120 Heisey Ave., Rheems, received the grand champion ribbon. He scored 19 points out of a possible 20 in the judging.

Doug Musser, son of Mr. and Mrs. Harold Musser, R3 Elizabethtown, was the reserve champion. He scored 18 3/4 points out of a possible 20. Herb Jordan of Penn State University judged the capons.

Godshall's capon, which weighed 10 1/8 pounds, was purchased by Dan Gohn, president of the Rotary Club, for $6 a pound.

Musser's capon, which weighed 10 3/4 pounds, was purchased by Jim Rutt, vice-president of the club, for $3.50 a pound.

Another of Godshall's capons was sold to Lloyd Heisey for $3.25 a pound and another of Musser's was sold to Jim Rutt for $2.75 a pound.

Other members of the club are Jane and Billy Endslow, children of Mr. and Mrs. William Endslow; Randy and Rick Hollinger, sons of Mr. and Mrs. Nelson Hollinger, R3 Elizabethtown; Tony Spickler, son of Mr. and Mrs. James Spickler, R1 Mount Joy; Greg Musser, son of Mr. and Mrs. Harold Musser, R3 Elizabethtown. Harold Musser is the leader of the Capon Club.

Jane Endslow's capon was sold to Abe Groff for $3.25 a pound; Billy Endslow's to Vince O'Conner for $2.25 a pound; Greg Musser's to Jim Heilig for $2.80 a pound; Randy Hollinger's to Elvin Yeagley for $2.50 a pound, and Rick Hollinger's to Bill Reuter for $2.50 a pound.

Mount Joy Rotarian Harold Keller was the auctioneer for the sale.

Participants in 4-H Capon Roundup at Mount Joy include, from the left, Rich Hollinger, Randy Hollinger, Doug Musser, Greg Musser, Steve Godshall, Billy Endslow, Tony Spickler and Jane Endslow.

Top winners in 4-H Capon Roundup at Mount Joy are Doug Musser, left, with reserve champion; and Steve Godshall, with grand champion.

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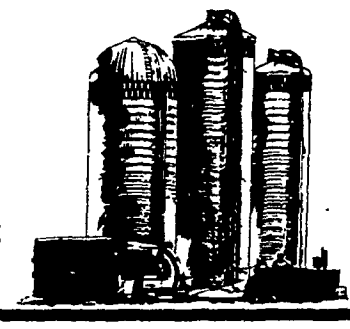

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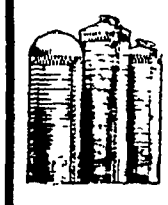

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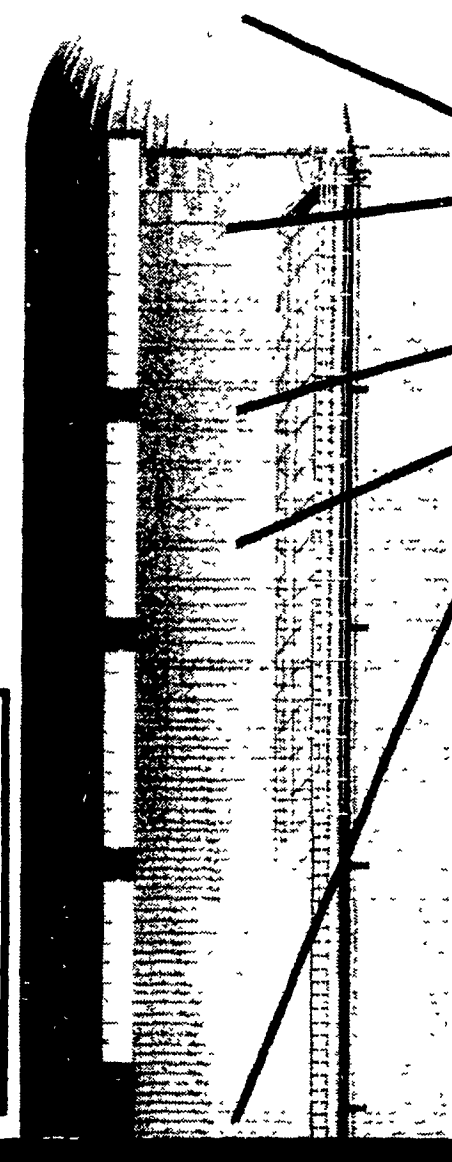

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Christmas tree quarantine doesn't hinder Pa. production

BY DEBBIE KOONTZ

LANCASTER — September reports of a Pennsylvania Christmas tree quarantine, imposed by the Commonwealth of Virginia due to gypsy moth infestation, have had little effect on the marketing and distribution of Pa. trees throughout the Middle Atlantic States, according to Edgar Palpant, program director for the Pennsylvania Tree Improvement Program and past secretary of the Pa. Christmas Tree Growers Assn.

When rumors surfaced that the federal government might abolish their 70-year-old Christmas tree quarantine, Virginia enacted their own, imposing it on the same states included on the federal list: Connecticut, Rhode Island, New York, New Hampshire, Vermont, Massachusetts (the state which introduced the gypsy moth into the United States), Pennsylvania and northern Maryland.

Dale Stehr, regulatory coordinator at the Pennsylvania Department of Agriculture's nursery and greenhouse division, says that growers have regularly had their trees inspected for moths by PDA anyway, and that to ship to Virginia this year is just a matter of continuing the precautions they've practiced in the past.

Though the federal quarantine was first imposed in 1912 to several New England states, Pennsylvania was not added to that list until 1933. Since that time, Maine has been able to dissociate itself from the list.

According to Palpant, "some question whether the inspection does any good at all," because the bulk of Pennsylvania's trees are sold to the Philadelphia, Baltimore and New York City areas.

Proctor Wetherill, president of the Pa. Christmas Tree Growers Assn., agrees with Palpant saying, "The number that ship to Virginia isn't too many. I really don't think it will hurt the market."

This year, with a ranking of fourth in the nation (following closely behind the heavily wooded states of Oregon, Washington and Michigan), Pennsylvania is expected to sport a $100 million Christmas tree business, with 5 million trees handled by approximately 250 growers.

Pennsylvania also has the prestigious advantage of harboring the 'Christmas Tree Captial of the World' — Indiana County, in western Pa.

Stehr reports that PDA has done hundreds of inspections this year with, predominately, positive results.

Inspections are conducted depending on the environment of the trees. For instance, if the trees sit near a wooded or forested area, there is more liklihood of a moth infestation Stehr says. Another factor for testing would be the area's history of infestation.

Consumer Interest

According to Palpant, the growers delayed cutting till late November this year, waiting for the first cool spell.

"The growers try to optimize the moisture content so the consumer receives a better product, one that will last longer after the cutting. Usually, if they cut too late in the season, the moisture is actually down in the trees, but not so this year," he explains.

The Douglas fir and the Scotch pine are the two most popular varieties for Christmas trees in Pennsylvania, but growers actually produce 8 other minor varieties.

What To Look For

For the consumer who wants a particular type of tree this year, he/she might do well to know what to ask for when considering a purchase:

—Scotch pine — has moderate length needles. Needles grow in clusters of two and are dark blue-green in color. Durability describes the Scotch pine well.

—Douglas fir — has short needles, attached around the twig. Needles are soft and pliable, dark green or blue-green in color.

—White pine — has longer needles in clusters of five. Its needles are silvery blue-green and soft to the touch.

—Norway and White spruce — has short needles, good color, and is usually a well-shaped tree. Spruce are popular, but do dry out sooner than the pines.

—Colorado blue spruce — is very attractive with a blue-green to blue color. Needles are short and stiff. The tree is shapely and moderately durable in the home.

After making the selection, Penn State Extension recommends recutting the butt at an angle, placing it in water and keeping it out-of-doors until decorating.

Celebrate Christmas at Landis Valley

LANCASTER — Celebrate the twenty-fourth annual "Christmas at Landis Valley," Tuesday, December 21 at 7 p.m. on the grounds of the Pennsylvania Farm Museum. In the spirit of Christmas, admission will be free; however, canned food and cash donations will be accepted for the Lancaster Food Bank.

A special exhibit of nineteenth and early twentieth century toys will be open from 6:30 - 8:30 p.m. The exhibit features sleds, dolls, games, and cast iron toys and banks. The Weathervane Gift Shop and Brothers' Bookstore will be open from 6:30 p.m. until 9:00 p.m. for last minute Christmas shopping, then will close for the winter season.

The annual outdoor carol sing begins at 7 p.m. The singing will be led by Virgil Cooper; accompanied by the Moravian Trombone Choir of Lititz, Jean Doherty, director. The High School Ringers, a hand bell choir from Lampeter-Strasburg High School, will play seasonal music. A brief holiday message will be presented by the Reverend B. Penrose Hoover, associate pastor of the Evangelical Church of the Holy Trinity, Lancaster.

Following the program, homemade cookies and hot mulled cider will be served. Since the activities will take place out-of-doors, please dress warmly and bring a flashlight. "Christmas at Landis Valley" is sponsored by the Landis Valley Associates of the Pennsylvania Farm Museum.

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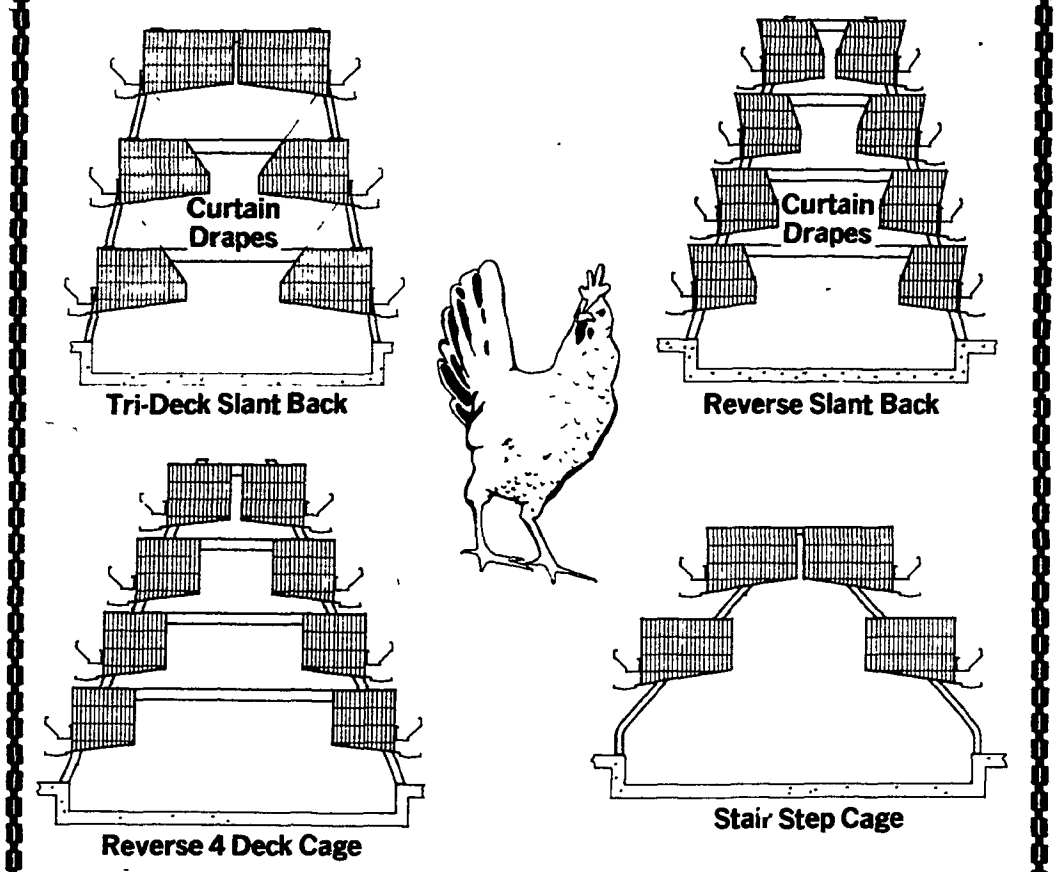

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State conservationist

(Continued from Page A1)

from President Reagan to Congress before this conservation program can begin. The SCS administrator summarized the RCA program, stating that it will prioritize work performed by SCS throughout the nation. He noted the number one priority will be controlling soil erosion caused by water and wind, followed by the number two priority of water — flooding and conservation. Lesser priorities, he said, will include: irrigation, drainage, and wildlife.

Myers also pointed out that RCA will mandate targeting of the SCS federal dollars. "We will put money and people where the problems are in the country instead of just spreading the money around evenly. In actuality we have been doing this targeting for the past two years, shifting people and money to areas where soil erosion and flooding are the worst."

Expressing his sentiments on targeting conservation funds, Myers commented that it allows "better and wiser use of federal dollars to try and attack the critical problems where they are rather than just giving everybody a little money to make everybody happy." At the same time Myers said SCS will attempt to maintain its base level of technical support all over the nation by eliminating unnecessary programs, while shifting money and personnel within each state to targeted areas. Myers assured that the Northeast's erosion problems "will not be forgotten" when funds are being targeted.

While praising Pennsylvania's efforts in preserving prime agricultural land, Myers noted that SCS can provide assistance to state and local governments through its Land Evaluation and Site Assessment program on request, and help to establish guidelines on protecting farmland.

"Cost effective soil conservation" was how Myers explained underlying heartbeat for the SCS plan of operations under his administration. He added that probably the most cost-effective conservation practice is conservation tillage, a method of cultivation that is used by many Pennsylvania farmers. This tillage method, which leaves crop residues on the surface after fields are disked or chiseled, has two soil conservation benefits: reducing rainfall impact, and keeping soil erosion at a minimum.

"In times when farmers are really hurting economically, we think we can sell this practice because it actually is saving money while it's saving soil," said Myers, "because farmers reduce the number of trips made over a field drastically, especially with no-till. We think this is a real cost-effective way to go at soil erosion, and we can use it in combination with other practices to have a dramatic effect in reducing erosion and sedimentation."

Moving from broad, national conservation goals, Myers touched on a specific project proposed for eight counties in Pennsylvania and an equal amount in the neighboring state of Maryland — called the Mason-Dixon area. He noted this conservation project will be targeted for additional federal funds in 1984 if accepted, and he went on record saying he sees no reason why it would not be accepted.

"You'll receive more technical assistance to come in and help the farmers and landowners work on erosion problems," Myers said. "So what we're saying is 'You have a problem; we recognize it; we're going to put more money in this state.'"

The problem creating the erosion problem in the Mason-Dixon area, and others like it in the state, is intensive agriculture — putting more cropland into corn and soybeans and taking it out of grassland. Myers attributed this conversion to economic pressures on farmers.

"Grass just doesn't pay much anymore unless you're an awful dairy farmer," he observed. "And even then, with silage, it's just more intensive row crop farming which exposes the soil to water. This is happening all over the country — not just in Pennsylvania."

Myers said conservation tillage will be emphasized in the Mason-Dixon control program, coupled with surface water controls, such as terraces, strip cropping systems, contour farming. "Any way to slow the water down, reduce the slope length and keep the water from putting soil in the wrong places."

Funds for the conservation work in the Mason-Dixon area will be channeled through local Agricultural Stabilization and Conservation Service offices and their annual cost-sharing programs (approximately $200,000 in 1982-83). When asked whether these cost-sharing funds would be tied to ASCS commodity programs in order for farmers to qualify, Myers offered his assurances that this is not presently being considered. However he did note that RCA may link Farmers Home Administration loans to conservation practice installation on applicants' farms.

"If farmers themselves will put these conservation practices into place we won't have to worry about legislation forcing them to do that," Myers stressed. "I'm a farmer myself (from Missouri) so so I'm independent-minded enough that I would hope that the federal government wouldn't have to tell me what to do."

Keeping the conservation on the farms, even if the property changes hands, is a problem Myers leaves to state and local governments to tackle. He pointed out permanent conservation applied to the land could be preserved either through easements or new laws, and he pointed out federally cost-shared practices must be maintained for a period of five to ten years. Myers also encouraged state governments to cost-share conservation practices.

When asked if SCS is keeping technically abreast of the evolution of modern agriculture, Myers cited the use of lasers in land grading and ditching, computers, and satellites to read erosion and soil moisture as tools used by today's conservationists.

"The computer age is here for SCS and farmers," Myers said, predicting that within two years SCS technicians will be able to "sit down at the kitchen table with a farmer and a mini-computer and be able to tell him for each one of fields how he can avoid soil loss" by comparing conventional tillage methods, conservation tillage, and other practices, along with costs and savings for each.

Pa. farmers invest $26 million in soil conservation

HARRISBURG — In spite of tight money, Pennsylvania farmers invested over $26 million improving the soil and water resources of the state, according to a federal conservation official.

Graham T. Munkittrick, state conservationist for the USDA Soil Conservation Service, reports that farmers in Pennsylvania completed increased amounts of soil and water conserving practices during the past fiscal year. These facts were noted in the agency's annual report of activities.

Munkittrick said that Pennsylvania farmers invested over $26 million in conservation work last year. Of this amount, $3,670,850 was cost-share funds from the Agricultural Stabilization and Conservation Service and $22,729,150 from the farmer's pocket.

In spite of the farmer paying a larger share of conservation work, the number of land users applying soil saving practices increased. Of the more than 26,000 farmers assisted by SCS, 16,000 completed one or more soil conservation practices.

This is a 125 percent increase over the last four years, added Munkittrick. It also means that each farmer who applied conservation practices spent an average of $1,650 and received about 7 percent reimbursement for the federal government.

Increased emphasis on cost-effective conservation resulted in an additional 54,800 acres of conservation tillage used with SCS guidance. This compares to 18,000 acres last year. Munkittrick noted that SCS agronomists estimate that about one-half million acres of cropland are now planted by no-till or some form of reduced tillage.

Surface water management practices have remained level or increased. Water control structures tripled in the past four years (572 each); cropland terraces almost doubled in one year (264,867 feet); while stripcropping (30,657 acres), grassed waterways (448 acres), and diversions (688,933 feet) remained stable compared to previous years.

Concern over recovering nutrients and water quality problems has brought a rapid growth in the number of agricultural waste management systems in the state. In 1978, SCS assisted with 89 systems. This grew steadily to 300 waste management systems the past year.

Munkittrick said that the proof of an effective soil conservation program can come from one figure — an additional 301,000 acres of Commonwealth land are adequately protected against soil erosion.

Looking to the future, Munkittrick predicts little increase in funds for soil and water conservation programs in the next few years. The Service will be increasing efforts in areas with the greatest soil erosion and other water management problems. More help will be given to watershed areas with identified nonpoint pollution problems.

Cost-effective practices such as conservation tillage and better grassland management will receive a bigger push. Munkittrick summarized SCS's plans this way — "We may not be able to help all farmers who want help, but we will help those who need it most!"

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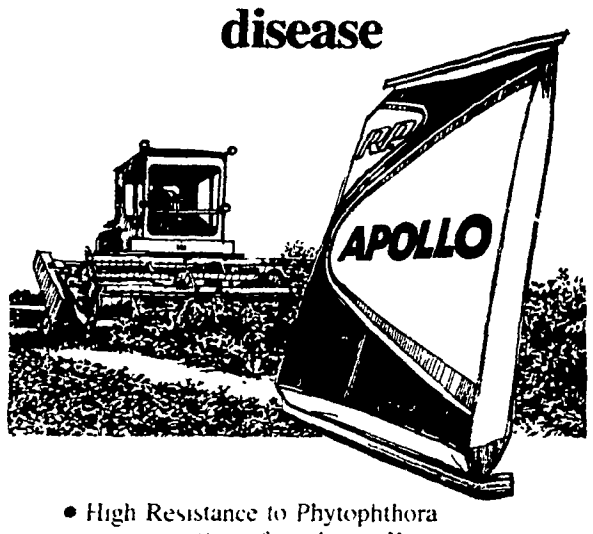

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Country singers to appear at Farm Show

HARRISBURG — The Farm Show is a yearly agricultural happening that brings fun and excitement to its visitors. The six-day, four-night event is packed with contests, exhibits and fun for all, while giving visitors a lesson in Pennsylvania agriculture.

Evenings at the Farm Show bring a different kind of fun as visitors are treated to special entertainment from concerts to pony pulls.

The 1983 Farm Show evening program begins Sunday, Jan. 9 with Farm Youth Benefit Night. Two concert shows featuring Jerry Reed and Bill Anderson are scheduled for 6:30 and 9:30 p.m. in the main arena. Both men have become known for their ability to act as well as their great country music. All proceeds from the concert will go to improvement of farm youth facilities at the complex.

Monday night, Secretary's Night, begins with Agriculture Secretary Penrose Hallowell recognizing three award winners: the Farm Show Family of the Year, the Agri-Business of the Year, and the Oldest Farmer Award.

Monday night also brings the Cumberland County 4-H Horse and Pony Club to the Farm Show arena. Under the supervision of Maynard Long of Carlisle, the twenty-five 4-H members will demonstrate their expert riding ability. The exposition is scheduled to begin at 7:15 p.m. Also on the Monday night agenda are hitched horse competitions. The competitions will have from one to five horses hitched to a wagon. (The six-horse hitch is scheduled for Wednesday.)

Tuesday, Master Farmer's Night, is highlighted by two events. Beginning at 6 p.m. the Future Farmers of America Band will perform their annual concert under the direction of Ned Diehl of Penn State. The 80-member band is composed of FFA members from all over Pennsylvania ranging in age from 14-19 years ofa age. The FFA band has performed for the past 35 years at State Farm Show.

Following the FFA Band, at 7 p.m., is the nation's largest Folk Dance Festival and Contest. The festival consists of 60 eight-member teams (four men and four women). There will be three age groups judged with blue, red and white ribbons awarded to group winners.

Wednesday night is the night for horse pulling contests. Both lightweight and heavyweight classes will compete. Lightweight teams, under 3,200 pounds, begin at 4:30 p.m. The six-horse hitch competition is scheduled between the light and heavyweight classes.

Pony pull lovers won't want to miss Thursday night at the Farm Show. Contests begin at 6 p.m. Three classes will compete: lightweight teams, up to 1,000 pounds; mediumweight teams, 1,001 to 1,300 pounds; and heavyweight teams, 1,301 to 1,700 pounds.

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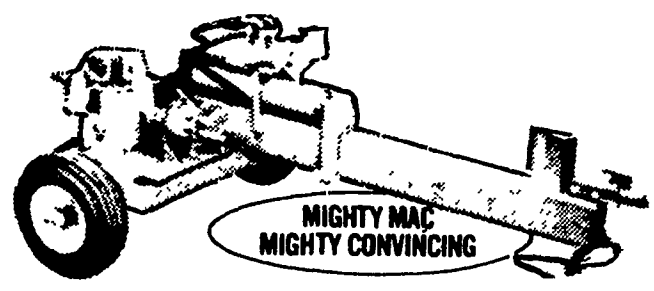

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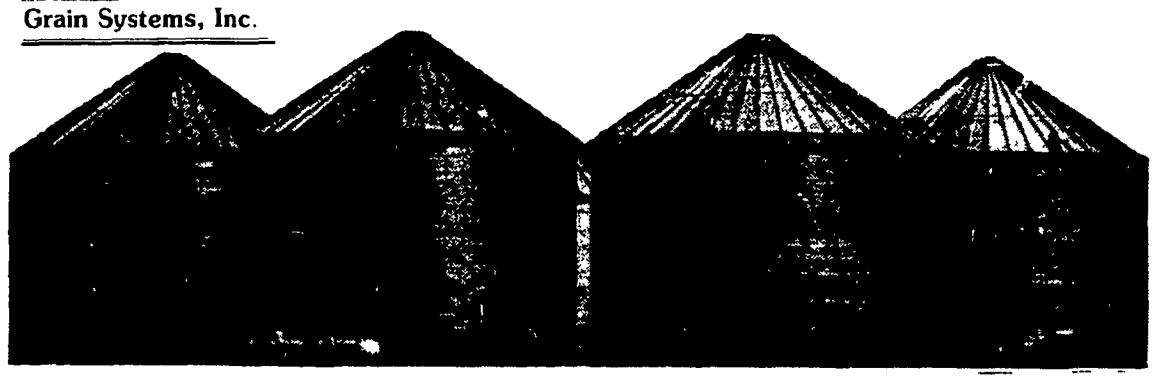

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Computer may calculate long-term price of erosion

WASHINGTON, D.C — Erosion still sends rich topsoil down our rivers by the millions of tons, weakening the land's ability to grow food. Yet, the nation's population is projected to reach 309 million by the year 2050.

Are we on a collision course? Will the land some day be so crippled that American farmers won't be able to feed people?

If so, then,

Computers may help us find the answer.

Scientists don't need computers to tell them about the on-going ravages of soil erosion. Their own research findings at the U.S. Department of Agriculture show about 5.4 million tons of topsoil lost to erosion each year. Much of that soil comes from farms.

When it rains, the rivers tell the story.

Enough soil goes down the Mississippi River in a year to build an island one mile long, a quarter mile wide and 200 feet high. In eastern Washington, the Palouse River carries away about 3 million tons of fertile topsoil each June. Other streams take their shares.

Over the years, most of the research on erosion's impact on soil productivity has been done on individual projects. It often takes years, sometimes decades, to complete projects, and the findings are scattered bits of a big picture.

It's hard to predict what all this really means because scientists don't have a comprehensive view of crop-growing obstacles that may arise throughout the country as a result of topsoil losses over the long haul.

Now, a new computerized analysis system created by a USDA team is expected to overcome that problem. The system will put the fragmented pieces of the puzzle together and try to forecast how soil erosion may affect the land's ability to grow food and fiber in the years ahead, even centuries from now.

Scientists call the new computer model "EPIC," short for Erosion-Productivity Impact Calculator.

When completed, EPIC will bring together what researchers know about hydrology, erosion and sedimentation, livestock grazing, nutrient cycling, crop growth, tillage, soil properties, climate, pesticides, insects, diseases and economics.

Scientists from USDA's Agricultural Research Service, Economic Research Service and Soil Conservation Service are helping set up EPIC. Team researchers come from several disciplines — soil scientists, hydrologic engineers, soil physicists and plant physiologists.

After more than a year of analyzing and selecting data for a "supermodel," the team now is fine tuning EPIC's forecasting ability.

"Years of painstakingly difficult data gathering finally may pay off in providing new insights into how we can protect soil," said Terry B. Kinney, Jr., administrator of USDA's Agricultural Research Service.

"Once EPIC establishes the relationship between erosion and productivity, we will be better able to put a dollar value on the loss of U.S. soil," he said. "We also will be able to select management strategies to maximize long-term crop production."

EPIC will provide information on the current status of soil and water resources in the United States — as required by the Soil and Water Resources Conservation Act of 1977. This is scheduled to be done by 1985.

Kinney said EPIC supports Secretary of Agriculture John R. Block's priority of determining why the nation's rate of soil productivity has leveled off in recent years.

"EPIC will show what we can do to remedy the problem before it's too late," Block said.

Jimmy R. Williams, hydraulic engineer at USDA's Grasslands, Soil and Water Research Laboratory, Temple, Texas, said EPIC will assemble much of what scientists know about weather, crops, tillage and soil characteristics and how these factors will affect U.S. crop production.

EPIC has been run on 150 test sites throughout the continental United States and 13 sites in Hawaii. With testing 50 percent complete, results are promising, Williams said. The system has simulated erosion, crop yields and related processes, and the results generally agree closely with measured data.

"The main purpose for testing this system up to this point has been to determine how reliably the model predicts productivity under a variety of conditions, "Williams said. "So, far, EPIC suggests that in some areas where erosion rates are high and subsoils are poor, crop yields were reduced as much as 40 percent in 50 years."

Food supplies in other countries, as well as America, are at stake, too, said Kenneth G. Renard, research leader at USDA's Southwest Rangeland Watershed Research Center, Tucson, Ariz., and national technical advisor for soil erosion and productivity.

Renard said the scientists hope EPIC will provide fundamental productivity research now to make sure U.S. farmers can continue to produce food and fiber for Americans as well as the starving millions of the world — while maintaining the nation's natural resources and ensuring their conservation for future generations.

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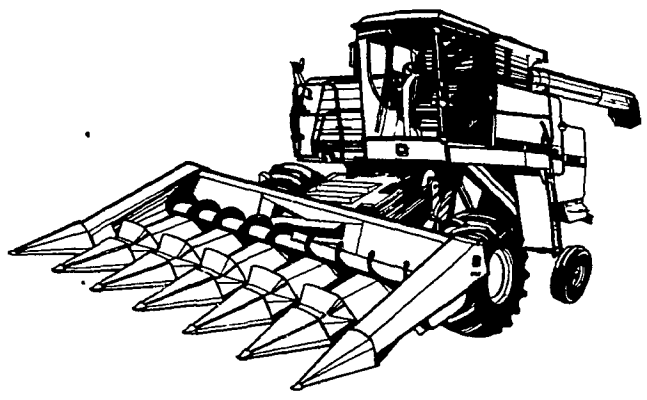

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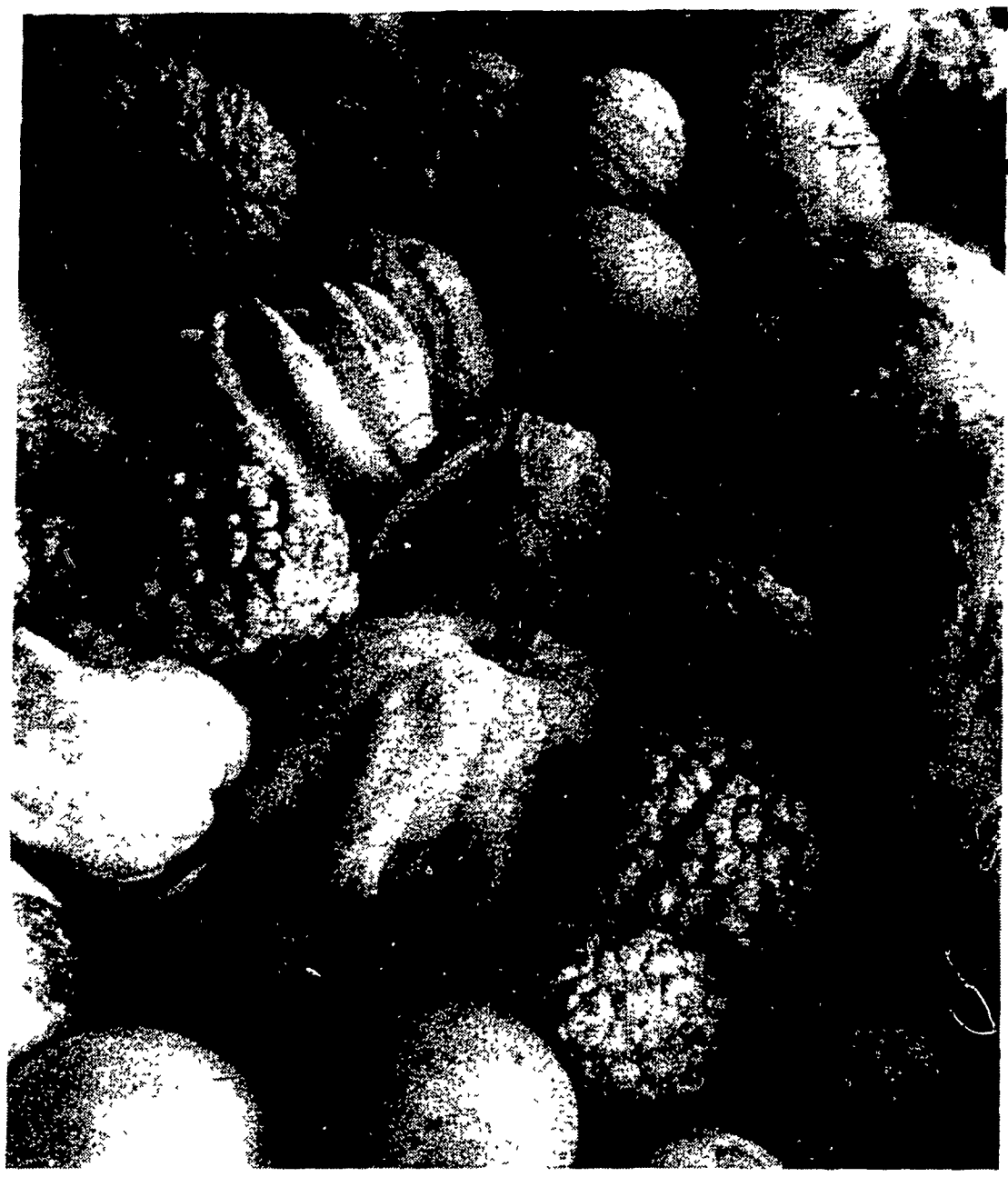

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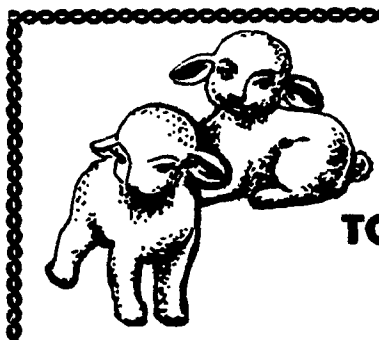

AN IMPORTANT NOTICE TO ALL CONSIGNORS OF LAMBS —

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Keep in mind this Monday for consigning your lambs December 20th, and your consignments are respectfully solicited. Sorting and weighing will begin at 5 A.M.

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Losing soil?

CHAMBERSBURG — One-quarter of U.S. cropland is losing more soil than it can replace, states David T. Hoffman, soil conservation technician with the Chambersburg Field Office of the USDA Soil Conservation Service.

"Valuable topsoil can be washed from unprotected fields at a rate of one inch every sixteen years. This figure is high when considering the 100 to 900 years nature requires to manufacture an inch of topsoil," he says.

Not only is soil eroding, but also nitrogen, phosphorous, and potassium are washing away with it, adds Hoffman. The losses of these valuable nutrients are estimated to be worth approximately $20 per acre annually at the average rate of soil loss.

What measures can be taken to cut soil losses?

Simple conservation structures such as diversions can be constructed on a slope to intercept surface runoff from higher levels and carry it off to a safe outlet at a non-erosive velocity. Other conservation practices can be combined with diversions for additional soil loss protection. Contact the Soil Conservation Service for more information on conservation.

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HESSTON — The PRIME LINE

USDA protects first pepper, and a tomato, too

WASHINGTON, D.C. — Two firsts occurred recently when the U.S. Department of Agriculture granted plant variety protection, a patent-like protection, to 15 new plant varieties.

Among the new varieties were the first tomato and the first pepper ever to be protected, said Kenneth Evans of USDA's Agricultural Marketing Service. "The 'firsts' were coincidence, but together they are an example of the extreme diversity of the plant breeding and seed business," he said.

The newly protected tomato — "Super Beefsteak VFN" — was developed by the W. Atlee Burpee Company and carries the characteristics of the famed beefsteak tomato. Burpee describes it as resistant to verticillium and fusarium wilt, two fungi which commonly attack tomatoes. It also is resistant to root knot nematode.

The pepper, developed by Tommy Bolack, a rancher from Farmington, N.M., is "Orange Cayenne." It's a cayenne type and is similar to the long red cayenne pepper, except for color. At maturity the "Orange Cayenne" is orange.

Bolack said he is a small-scale plant breeder. In fact, he said, plant breeding for him is a hobby and the "Orange Cayenne" is the first plant the he has ever submitted for protection.

"Orange Cayenne," Bolack said, was a "sport," a lone plant that he found in his half-acre planting of red cayenne pappers. He brought the plant into his greenhouse, isolated it, and tested plantings from its seed for five years.

After five years, he decided the plant was stable, a requirement for protection. To his knowledge, it also was novel, another protection requirement, and he decided to apply for protection.

Far from a "sport," "Super Beefsteak VFN" was sought through deliberate research based on a business decision. Burpee holds protection certificates for many other plant varieties, said Evans.

John Mondry, head of Burpee's research division in California, said the search for "Super Beefsteak VFN" started with the recognition that home gardeners are particularly fond of the bright red, solid meated, beefsteak tomato.

"But," he said, "we thought we could provide something better. We sought an open pollinated variety that would be disease resistant, have a better fruit-setting ability and better fruit quality. 'Super Beefsteak VFN' is the result."

The job of developing the tomato was given to Sang Joo Han who said the variety was develped from a large fruit hybrid with resistance to the verticillium and fusarium fungi and the root knot nematode. The seedlings were self-pollinated and inoculated with mixed inoculum of the fungi and nematode. Surviving seedlings were grown in the company's planting fields to observe their fruit-setting ability, fruit size and flavor.

These processes were repeated for seven years until the company determined the plants to be stable. Han said the plants are large and robust with fruit generally larger than the old beefsteak. The fruit is meaty and the flavor excellent, he said.

The "Super Beefsteak VFN" and "Orange Cayenne" stories merged in Beltsville, Md., where USDA's Agricultural Marketing Service maintains its Plant Variety Protection Office. There, Bolack's and Burpee's applications were reviewed and novelty claims for the variety checked against a data bank of known varietal characteristics. USDA's bank of information now contains data on more than 18,000 varieties.

USDA determined both the tomato and pepper were "novel" and certificates of protection, signed by Secretary of Agriculture John R. Block, were mailed to the developers.

"Plant Variety Protection has been possible since December 1970 when Congress passed a law to provide legal protection, much like a patent, to developers of new varieties of plants that reproduce sexually, by seed," said Evans.

"At the time the law was passed, neither the tomato nor the pepper could be protected," he said. "They were among six vegetables excluded in the law. However, in 1980 the law was amended to include these, along with okra, celery, carrots and cucumbers, the other excluded vegetables."

Public Sales

A Complete Dispersal was held November 27 by Tim and Ruth Neville, 1½ miles north of Warren Center on Coburn Hill Rd., Bradford Co., Pa.

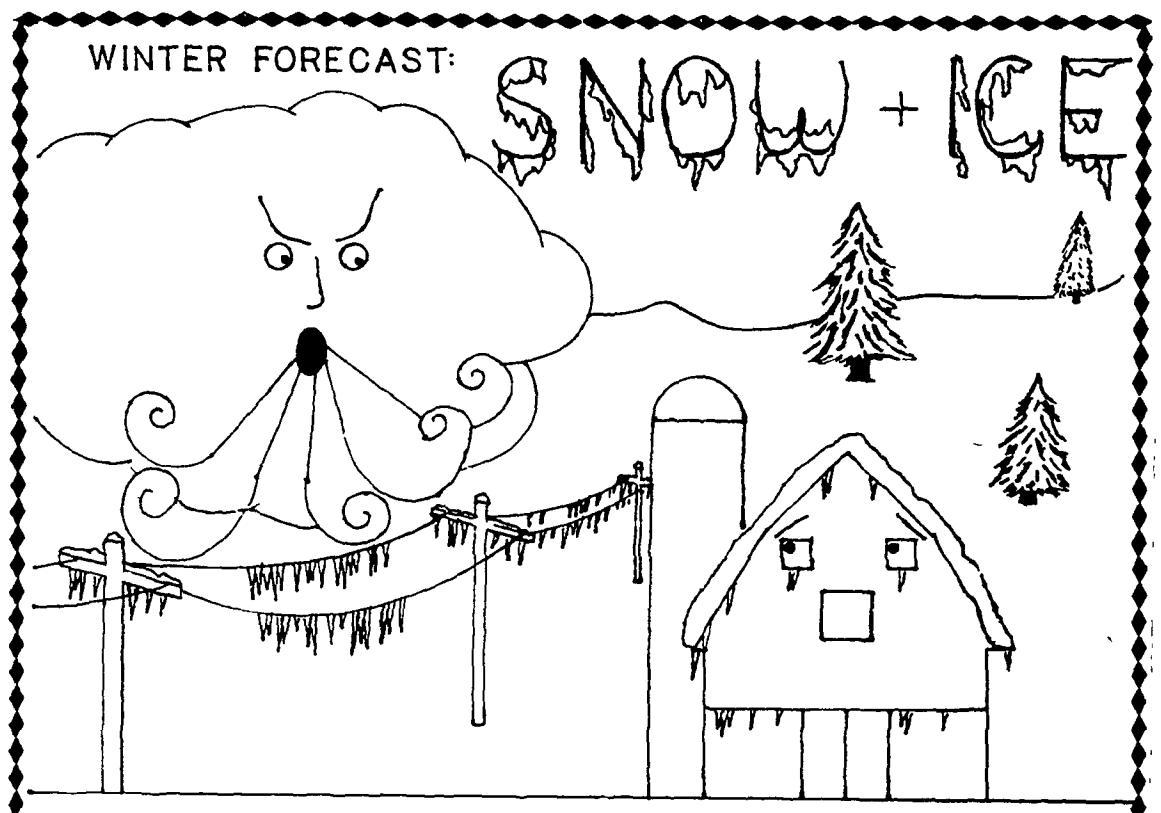
Some prices received were: Ford 151 4-bottom 16" auto reset plows $3000, 2 Gehl 920 forage wagons $1350 & $1250, Gehl CB 600 chopper $1050 and the top Holstein cow sold for $1000.

Adriance Auction Service conducted the sale.

A Public Auction of farm equipment and a gas engine was held November 26 by Howard and Marie Grim between Fogelsville and Hamburg, Berks Co., Pa.

Some prices were: Farmall H tractor $725, 2 horse sleigh by Grim & Bro $535, 1 horse sleigh $700 and Olds 1½ h.p. antique gas engine $1675.

Sale conducted by Ralph W. Zettlemoyer Auct. Co., Inc.



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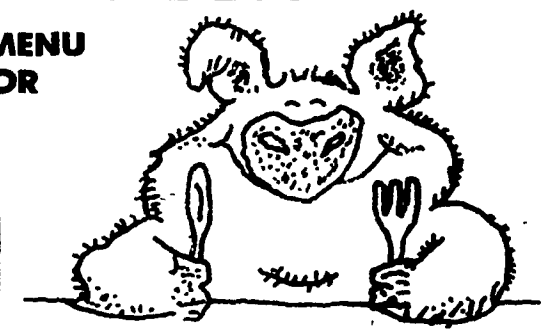

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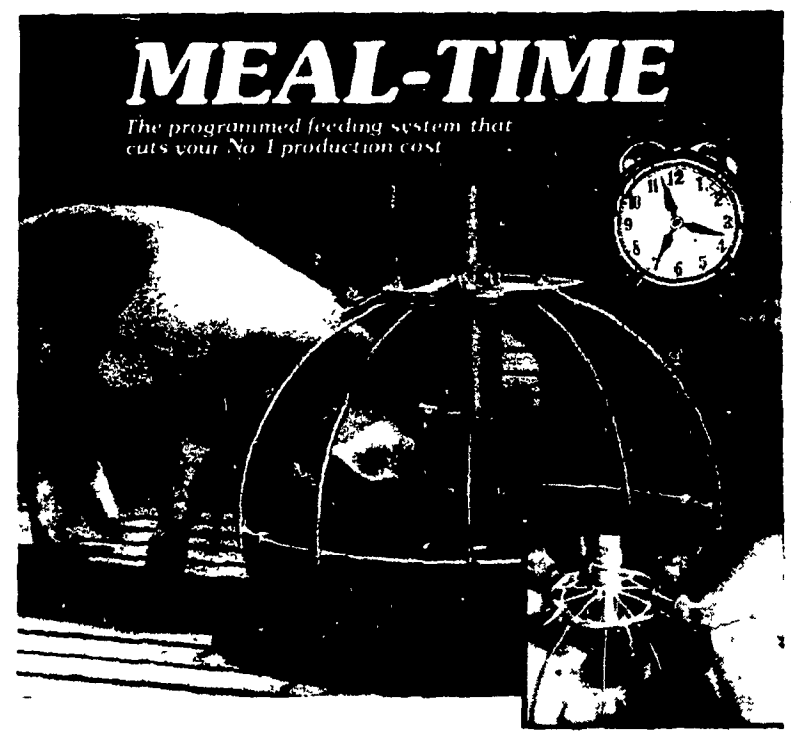

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DAIRY CATTLE & MACHINERY AUCTION

80 HEAD OF HOLSTEIN DAIRY COWS & HEIFERS

SATURDAY, DECEMBER 11, 1982
At 11:00 A.M.

DIRECTIONS: From Frederick take Rt. 15 North to Rt. 26 & turn left on Rt. 194, sale site is located approx. 1 mile North of Keymar and approx. 3½ miles South of Taneytown, Carroll Co., MD. Follow sale signs.

60 COWS - 20 HEIFERS

Mostly 1st & 2nd calf heifers. All cows are recently fresh or close springers. Two loads of fancy New York cows with good udders & a lot of dairy character. Several fancy two year old heifers, just fresh & milking good. Some cows milking between 70 & 80 lbs. of milk, and a top grade cow milking over 100 lbs. Most cows are grades but there will be a few choice Purebreds. A fancy Red & White second calf heifer.

Consignments - a small herd from Livingston Co., NY, in various stages of lactation.

6 nice open heifers lg. enough to breed out of an Elevation son. 20 yearling open heifers of breeding age, 1755 Oliver tractor in very good condition; AC WD 45 tractor with front end loader, good condition; Massey Harris 444 tractor with power steering, 3 pt. hitch & 2 speed rear; Farmall A tractor, good condition; JD A tractor, good condition; JD A tractor; Int. 885 round baler with automatic rack; Deerborn 3 pt. hitch circular saw. (Consigned) 1980 Oldsmobile Regency, exc. cond. ONE TRUCK LOAD OF GOOD HAY.

NOTE: This is a fine selection of hand picked cattle.

HEALTH: Cattle will be tested for T.B. & Interstate Shipment within 30 days of sale.

SALE ORDER: Machinery & car selling before cattle.

TERMS: Cash or Check on day of sale.
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AUCTION SALE
COMPLETE LIQUIDATION

FRI., DEC. 10, 1982
10 A.M.

To be held at N.H. Garman's yard facility on Neversink St., in Reading, PA.

Everything Sells to the Highest Bidder*: 4x4S, PICKUPS, & CARS: 79 Jeep 4x4 Wagoneer; 80 Jeep Wagoneer 4x4 S/W; 66 IHC 4x4 Scout; 69 Ford Mech. Tk.; (4) 66-81 Ford P/Us; 81 Dodge Panel Tk. (Parts); 78 LTD S/W; 75 Mustang; 78 Thunderbird; 79 Ford Ranchero 500; OFFICE EQUIP.: Desks; adding machines & calculators; typewriters; postage meter; etc.; SHOP & CONTRS. TOOLS: Compactors; rock drills; transits; levels; welders; new & used parts; & much more; Plus Const. Equip., Trucks, Trailers, PUC Rights, & Real estate* (*to be sold sub. to owners confirmation = Terms: 10% Down, 90 Days Settlement.)

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TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

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Public Sales

A public sale of real estate and antiques was held Nov. 20 by Kathryn L. Roth, 402 W. Sunset Avenue, Ephrata, Lancaster Co.

The real estate was sold for $38,300 to Barry Burkholder, Ephrata and it included a 2½ story, semi-detached masonary house with a 1-car garage.

Other items were: William Luts wooden harness making sign $335, antique band box $135, antique quilt w/blue star design $360, Collamer wooden store post office $220, antique chest of drawers $280, wash stand $345, antique child's wooden sled $250, postcard album $210, pewter tea pot $205, string of sleigh bells $110 and slipware pie plate $110.

Auctioneers were T. Glenn & Timothy G. Horst.

###

A public sale of broiler and electrical equipment was held Nov. 20 by the Sensenich Corporation, Airport Road, Manheim Twp., Lanc. Co.

Prices included: diesel engine operated 60KW 3 phase generator $5,000, riding mower $360, air compressor $200, Watson-Stillman hydraulic 150 ton press $300, electric saw $475 and high pressure water pump $200.

Lloyd H. Behmer and Harry R. Henly were the auctioneers.

###

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DAIRY SALE
WEDNESDAY, DECEMBER 8, 1982
New Holland, Pa.

Herd of 60 Head of Cows, Fresh and Springers, balance in all stages, some purebreds. This herd includes 40 head heifers, springers, shorthbred and open.

Consigned by Kelly Bowser.

1 load Fresh and Springing cows consigned by Merle Breneman.

1 load Fresh and Springing cows consigned by Raymond Smucker.

1 load Purebred and Grades, Fresh and Springer cows consigned by H.D. Mats.

1 load Fresh Cows consigned by Alfred Albright.

1 load Fresh Cows consigned by Dale Hostetter.

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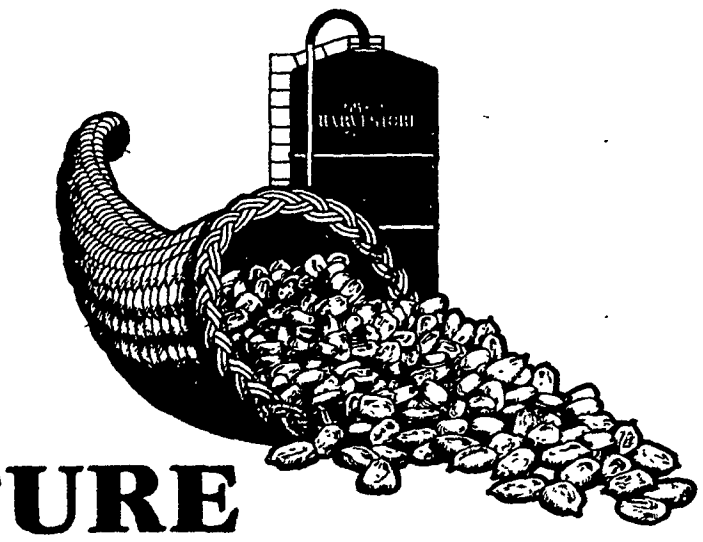

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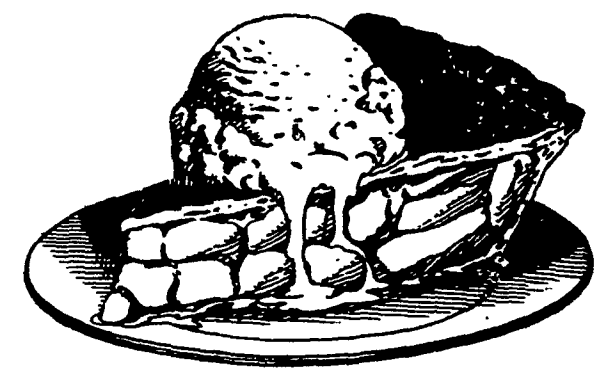

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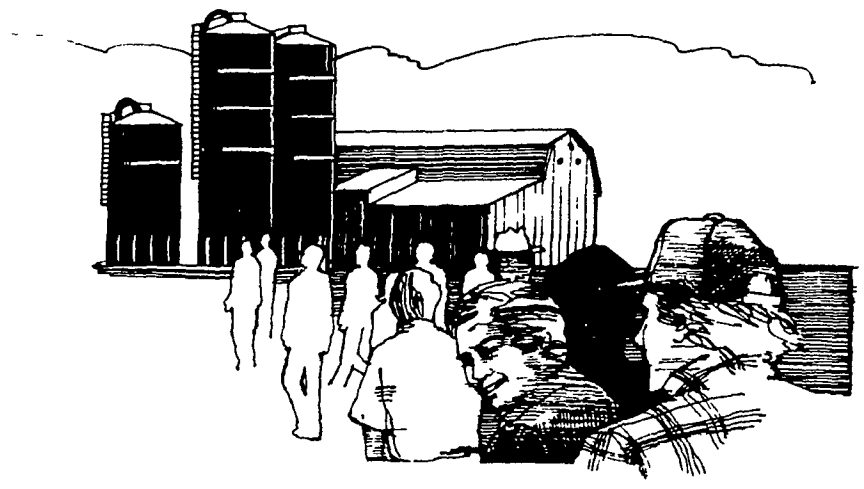

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From chick to pot go Strockland turkeys

By Beth Hemminger
Staff Correspondent

Strockland Farm does it all – from the chick to the pot.

Clyde and Mabel Strock of Mechanicsburg provide area businesses and individuals with plump, juicy turkeys for the holiday season festivities.

With one holiday feast just over and another fast approaching, Mabel, Clyde and family take a quick breather and then jump in and begin preparation for another very hectic but merry time of the year on the turkey farm.

Strock's preparation for the Christmas season really begins in July when the chicks arrive at Strockland, a day old, very little and, of course, fuzzy. The poults are purchased from a firm in Virginia. During the turkeys six-month stay at the farm, they remain in their confinement until they are processed. Mabel says she prefers that the big birds remain in confinement, because in the pens they eat high protein food and don't loose weight that is necessary for a "plump, juicy" turkey that everyone wants on their Christmas table.

The Strocks grow all the corn that is needed for the turkeys on their 300 acres. During the first few months at Strocks, the holiday birds receive a corn and protein supplement. And, as the bird grows, a higher corn ratio is used until the last eight weeks when the turkey receives almost a total corn feed. Mabel remarked that during the month of October the holiday flock ate over 600 bushels of corn.

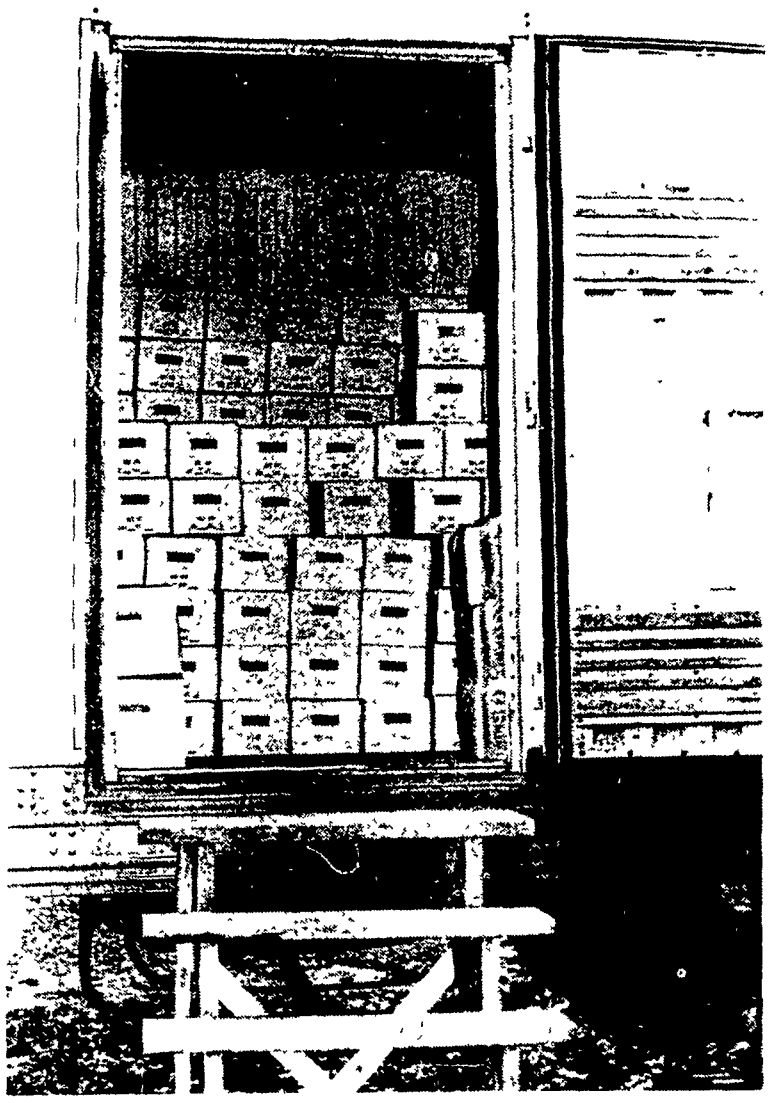
For the Yuletide feasts across the county, Mabel and the family will dress or rather "undress" 1500 turkeys which is about half their flock. The other half of the flock left a little early for the Thanksgiving table.

Mabel begins preparing the Christmas turkeys for the Christmas deadline at the beginning of December. She said she begins preparation so early because people buy Christmas turkeys at all different times of the month unlike the Thanksgiving rush when everyone buys their main course a day or two before.

With some mechanical help, like the plucker, funnel and stainless steel equipment, it is "easier to prepare the holiday turkeys than it used to be when we first started 39 years ago," Mabel says.

Turkey-raising became a part of the Strock family when Clyde's brother George took a turkey project in FFA in high school. Then Clyde said that his mother became interested in the turkeys and began raising several hundred to process for the holidays. Clyde's mother started the business in 1935 and kept it going until 1943 when Clyde and Mabel took over the operation. Since that time they have increased their flock from 500 to 3000. And Mabel adds that is about all one family can handle.

Mabel Strock of Strockland Farm in Mechanicsburg, displays an 18-pound turkey ready for stuffing and the oven. The Strocks will handle about 1500 turkeys for the upcoming Christmas holiday.



Turkey raising became a part of the Strock family when Clyde's brother took a turkey project in FFA in high school. After this sparked an interest for their mother, she started her own business in 1935. Eight years later, Clyde and Mabel took over the operation. Above you see their turkeys ready to leave for market.

Once the birds are dressed for the special day, they remain in a stainless steel trough of ice water for a day, then are bagged and labeled with the Strockland Farm name.

Bagging the big birds takes time, says Mabel. Once the turkey is in the bag, it is dipped in boiling water and the bag shrinks around the bird making a snug fit. All of the ink, and the label itself, are made from vegetable products to prevent harm to the bird or the connoisseur.

After bagging, the turkeys are placed in a large freezer truck in Strockland boxes ready for the rush. Mabel and Clyde sell directly from the freezer truck to the customer. Mabel adds, "That's what you call a fresh turkey."

Perhaps America's forefathers would have enjoyed sampling one of the Strockland Farms plump birds since most did have turkey and stuffing for their main course on this special day. But the ways in which the turkeys were served, varied around the country.

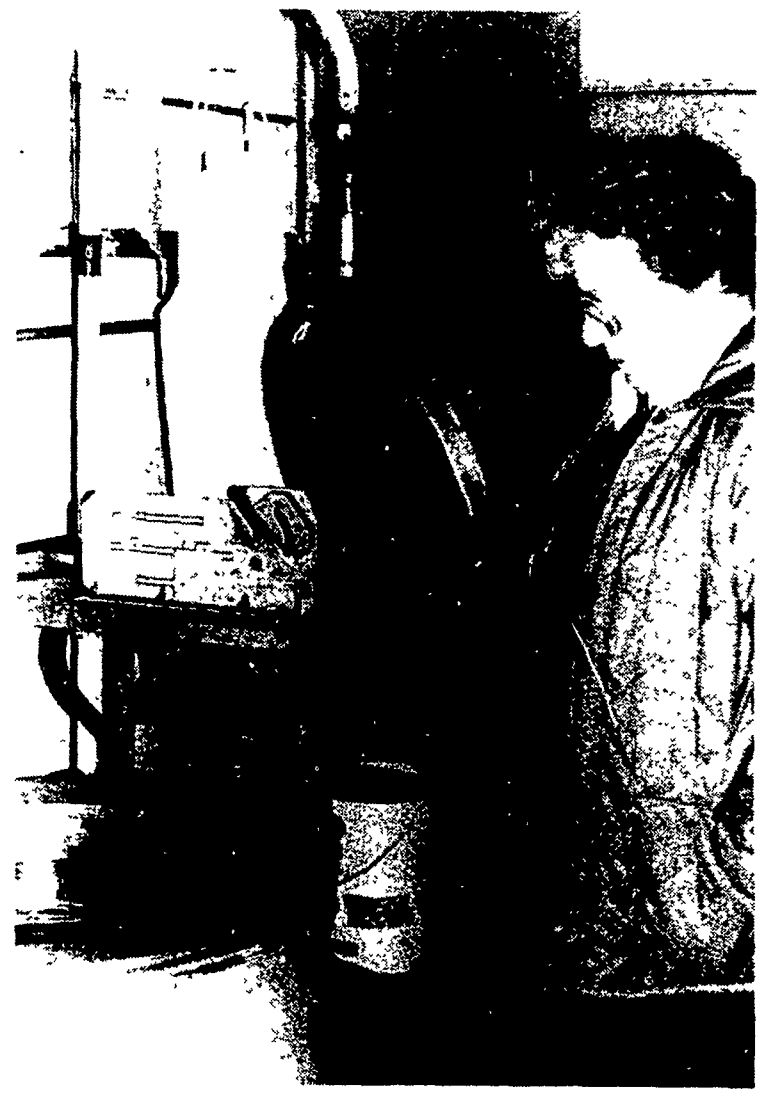
A Christmas typical of the colonial era in Virginia would have set before its guests turtle soup. oysters, crab, codfish, roast beef and Yorkshire pudding, venison, boiled mutton, smoked ham and roast turkey with stuffing. At least five vegetables, hot biscuits and cornbread, and a variety of relishes followed. For dessert there were often as many as a dozen choices — pies, tarts, puddings, cakes, ice cream, and fruit.

Or, if you were an Anglo-German living in the Baltimore area, you were probably served roast turkey with sauerkraut. And, early Dutch settlers who made their homes in New York opened their houses and ladened the table with turkey, game birds, baked hams, and lobster salad.

If you were a New Orleans resident your Christmas would have had a Creole touch. In this area of the country, the dinner began with oysters and consumme followed by a main course of roast turkey, yams, mashed potatoes, cauliflower and salad.

The New World provided an interesting collection of dishes for the pioneers as well as for today to serve at Christmas tables. Turkey has remained a part of that long-ago tradition, along with cranberries and squash introduced by the Indians.

And Mable remarked, "Our family is proud to be providing some of our forefathers tradition to the people in our community today."



Mabel demonstrates how the plucker is used and shows the ice tubes where the turkeys are placed after dressing. The Stocks entire building for processing is made of stainless steel and washable materials.

Homestead Notes

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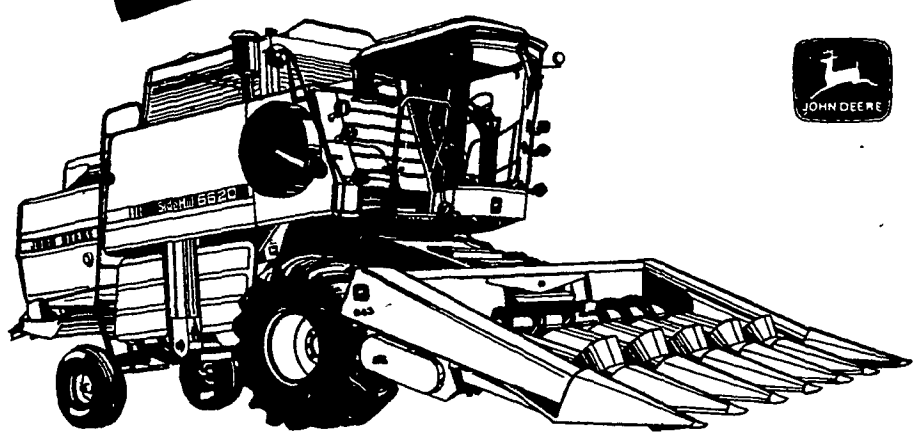

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*Availability of John Deere financing plans subject to approval of credit

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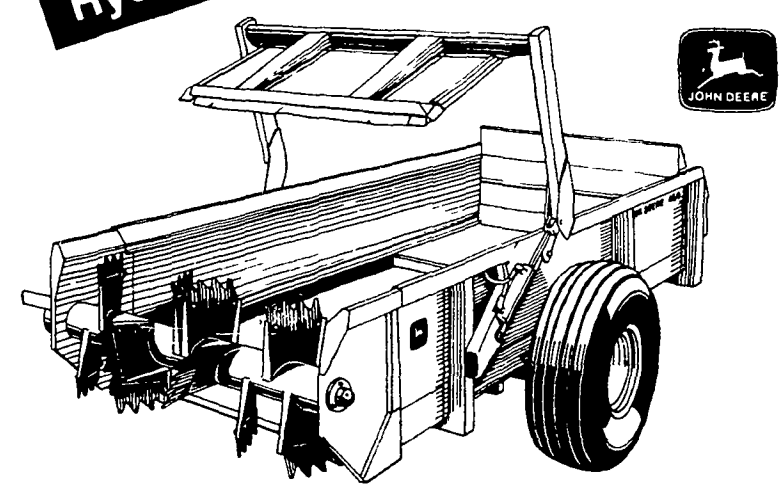

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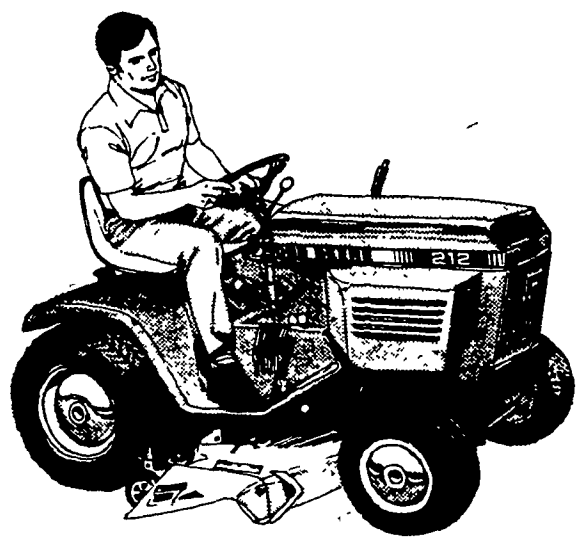
JOHN DEERE OFFERS SPECIAL END-OF-SEASON FINANCING...

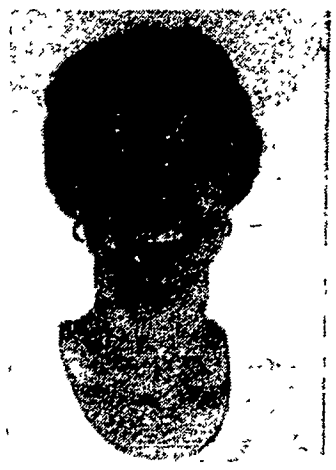


BUY NOW AND SAVE $$$

If you buy a new John Deere lawn tractor or new lawn and garden tractor before March 1, 1983, with a normal down-payment, you'll have no monthly payments to make until April 1, 1983.* And to save you money, finance charges will not begin until March 1, 1983.

So if you buy now you can save two ways: First, on end-of-season price reductions; and, second, on the John Deere end-of-year finance offer.

Stop in soon while we still have a good selection of models and attachments available: 8- to 16-hp lawn tractors and 10- to 20-hp lawn and garden tractors. Some models have hydrostatic drive.



On being a farm wife -And other hazards

Joyce Bupp

As the official holiday season gears up, with it's buy, buy, buy! hype, is there any one of us who feels he couldn't use a few extra bucks?

"Would you trade $2 for $250,000?"

So begins a letter that arrived some time ago in the mail. An obvious re-copy of many times, a little note, "homework for the unemployed (almost)" was pencilled up in the corner.

"This is not a chain letter" proclaimed the lengthy note, but rather a "legitimate money-maker." Sure. I'll bet.

All the receiver had to do was follow the instructions exactly, and in anywhere from 20 to 60 days, up to $250,000 big bucks would come rolling into the mailbox, from other "business-minded" folks like myself.

Ah, the lure of quick, easy money, money, money!

As in most chain letters, the receiver was to send $2 to the person or firm that headed the list of three names at the bottom, block out the top name, and add his own at the third spot. Then, 50 copies (or more) were to be duplicated and sent to friends and local business people.

Now, here came the so-called explanation to make this letter legal: "Here is the catcd — what makes this completely legal money-making opportunity is that after the first $1,000 profit, we ask you to pledge 20 percent of further profits from this effort to your favorite charity, such as your church, or any other legal charity you prefer."

Poor, misfit, distrusting soul that I am, I instead hung the letter on the bulletin board where it gives me a hearty laugh occasionally. Still, I wonder who in Gordies Mail Order Shopping in Winkleman, Arizona, thought I could possibly use $250,000?

Lo and behold, soon after comes another chain letter, this one sending a "prayer for good luck." Well, by golly, I sure could use that.

All that had to be done with this correspondence was to copy the message, which was supposed to have been around the world nine times, and send it on to people I knew who needed good luck.

Postage for that alone would shoot the old budget for the next five years.

As the letter continued, it went into detail of a few people who continued this chain, and all the good fortune and windfall cash that they received after sending out their copies.

Then, too, there was one spoil sport who reportedly failed to keep the chain going — and died nine days later.

This copy's been here about ten weeks, and I'm still kicking around, even after having neglected sending out my share of copies.

So, just this parting note to all chain letter writers with my name on your list.

Save your stamps — our wastebaskets get full fast enough as it is.

Cumberland Farm Women hold annual banquet

By Beth Hemminger
Staff Correspondent

CARLISLE — Last Saturday, Cumberland County's Farm Women attended their annual convention at the Embers Restaurant and Convention Center.

One special activity of the all-day session was the honoring of two older Cumberland County members — Iva M. Eppley of Boiling Springs who is 90 years old, and Edith S. Rife of Mechanicsburg who was 100 years old the day of the convention.

As part of their business meeting, the women addressed the suggested elimination of home economics and agriculture subjects as a required course in local school's curriculum.

Blanche McCulloch, Newville, farm wife and president of the Society's county chapter, remarked, "We all feel that these classes teach good, old values that are worth retaining generation after generation."

The women remarked they are concerned that students learn how to manage a home, prepare foods, grow vegetables, do small home repairs, etc. and feel that these classes should be retained as required subjects."

For the day's activities, the women watched techniques in spinning and weaving, presented by Florence Seidler and Ruth Singleterry.

Catherine Sprague, director of the Cumberland County Bureau of Consumer Affairs, provided afternoon entertainment on "Consumer Issues."

Iva M. Eppley of Boiling Springs, 90, right was honored by the Cumberland County Farm Women at their annual convention, recently. With her is State President Marie Baughman of Shippensburg. Another member, Edith Rife of Mechanicsburg who turned 100 years old on the day of the convention, was honored also but could not attend.

Processing deer in meat plants

HARRISBURG — Meat plants are not prohibited from processing deer, despite rumors to the contrary. State and federal meat inspection regulations specifically do not prohibit plants from processing game for hunters.

When producing meat products, venison and meat from other game can be mixed with beef, pork or other domestic meat, if desired. However, the edible flesh of game cannot be bought or sold.

Meat processors are governed by stringent federal and state inspection regulations, and may refuse to process deer because of hardships caused by these regulations.

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A heavy gauge steel storage bin for his shop:
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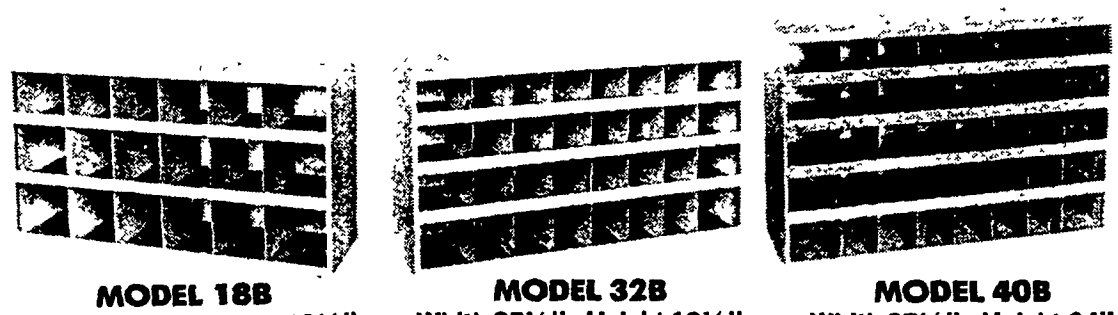

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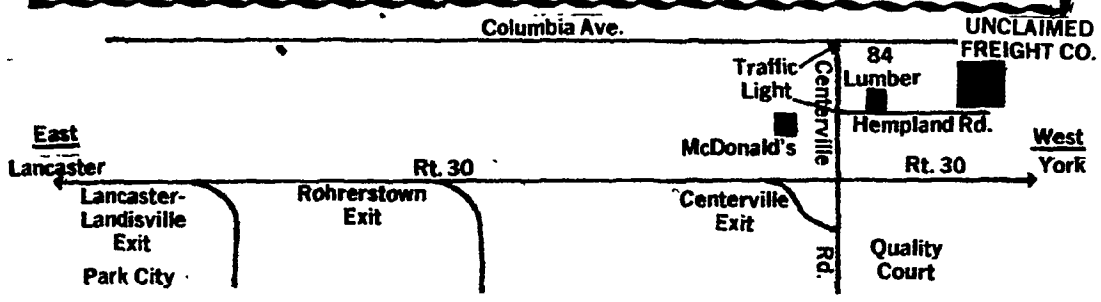

Liquidating For Mfg.

30 - Bunk Bed Sets w/Side Rails, Guard Rail, Ladder, 2 Pc. Bedding Set w/2 Under Bed Storage Units - Solid Hardrock Maple...Reg. $1789.95 ..... $509.95

30 - Hardrock Maple Trundle Beds w/Mattress & Platform...Reg. $329.95.... $129.95 w/Casters

Liquidating Discontinued Stock For Mfg.

16 - Square & Rectangular Brass & Glass Cocktail Tables...Reg. $329.95 ..... $50.00 Your Choice

6 - Lamp Tables...Brass & Glass...Reg. $309.95..... $50.00

6 - Sets - 2 Lamp Tables - 1 - Cocktail - Brass & Glass ...Reg. $1079.95..... $209.95

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8 - 6 Pc. Cushion Pine Groups...Sofa...Rocker ...Chair...Ottoman...2 End Tables...Antron/Nylon Prints...Reg. $1029.95..... $389.95

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41 - Trestle Tables...4 Chairs...Pine...Reg. $309.95 $129.95

Lingerie...6 Drawer Chest... Pine...White...Maple... Reg. $189.95 ..... $79.95

4 Drawer Chests ...Reg. $169.95..... $69.95

5 Drawer Chests ...Reg. $189.95..... $79.95

6 Drawer Chests ...Reg. $239.95..... $89.95

70 - Bunk Bed Sets...Complete w/Bedding...Pine... 2x4...Reg. $309.95..... $109.95

20 - Bunk Bed Sets...Pine ...Reg. $429.95..... $189.95

10 - Bunk Bed Sets ...Reg. $389.95..... $149.95

50 - 4 Drawer Chests... Reg. $119.95 ..... $44.95

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37 - Sets Pine End Tables ...Reg. $269.95..... $109.95

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15 - 19" Color TV's... Reg. $509.95 ..... $249.95

6 - 13" Color TV's... Remote...Reg. $469.95 .... $279.95

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TERMS - MASTERCARD - VISA
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Ida's Notebook

Ida Risser

As the Christmas season approaches, it seems that we are besieged with pleas for monetary gifts. Most everyday's mail brings a letter explaining a new need somewhere in the world.

Many people live in tent cities and with the winter comes the need for blankets and warm clothes. There are refugees in Somalia being taught how to grow vegetables, and someone must support the workers who teach them. Even the Indians here in America live below the poverty-level and are benefited by social service projects.

The Deacons and Children's Ministry Council of my church have undertaken a project that I feel should directly benefit some needy folks here in our own county this Christmas. Twenty different agencies were asked to list some things which their people wanted as gifts. Four hundred cards were then typed listing the items needed and the size, if it was clothing. Then with red yarn, they were tied to "The Giving Tree." Everyone was encouraged to take one or two cards home and fill the particular need mentioned and return the gift-wrapped package.

Some cards ask for jackets, dresses and sweaters. One asked for a basket of food for a family with seven children. I seriously contemplated taking that one but then I wondered if they would be pleased with a 10 pound bag of flour, a pumpkin, some squash and sweet potatoes plus my home-canned fruits, etc. Or, might they be expecting all prepared food from the grocery store? I finally decided that clothing would be a safer bet.

Let us hope that this direct giving will brighten someone's Christmas this year.

Deer jaws not needed

HARRISBURG — The Pennsylvania Game Commission has no need for hunters to mail in deer jaws this year. Of the 442 received after the 1981 season, 316 were from successful buck hunters, and most of those sampled came from older animals.

According to wildlife biologist Bill Shope, jaws received through the mail showed a sampling inconsistent with data obtained in thousands of examinations conducted in the field, and at deer processing plants.

According to Shope, "The mail sample undoubtedly is biased toward older deer. We feel the jaws received were from larger animals with sizeable racks, and hunters took the time to forward the jaws because they wanted to know the exact age of the deer whose antlers are now hanging above the fireplace."

Shope also noted that additional examination teams will be in the field gathering substantial data this year, and it's another reason the Commission no longer needs jaws "mailed-in" from successful hunters

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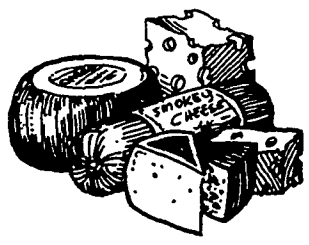
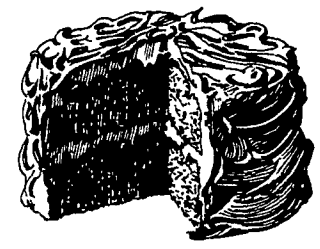
Dress out deer in woods

HARRISBURG — Hunters are urged by the Pennsylvania Game Commission not to dress out deer along roads. The task should be performed in the woods, where entrails will not be unsightly and offensive to motorists and landowners



Home On The Range

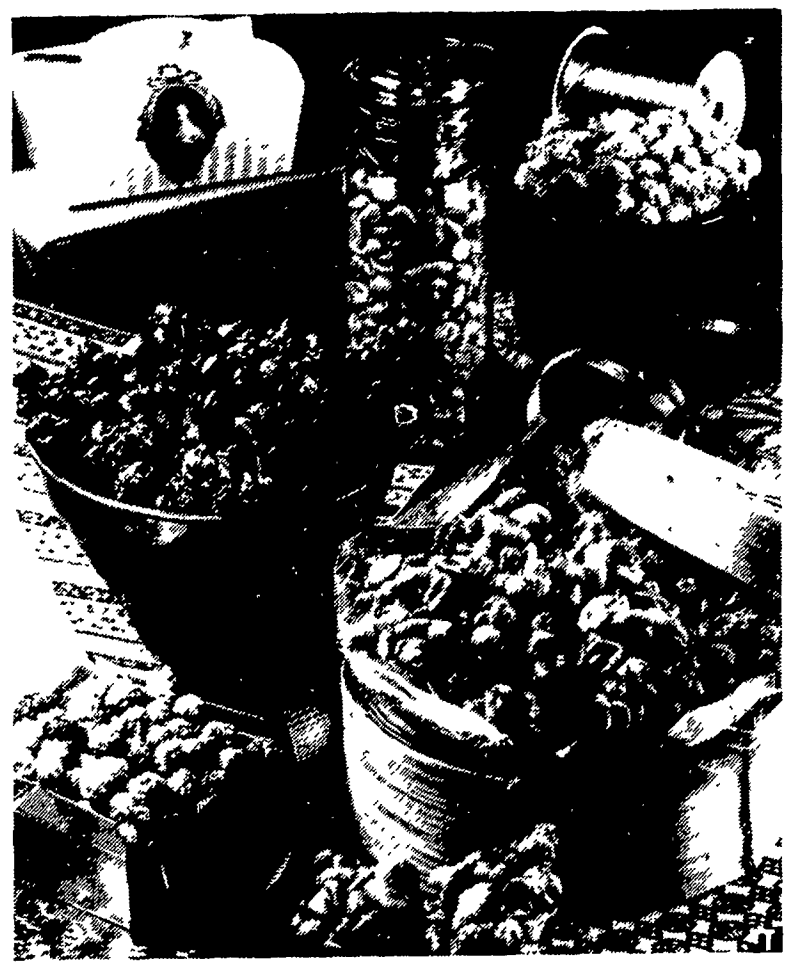


You've competely exhausted yourself and your purse shopping for that 'just right' gift for the loved ones on your Christmas list. And having come up with gifts that are so-so — gifts that say neither thought nor money was put into its selection — you collapse in your chair and say "What can I do?"

Well, we have the answer. Look to your kitchen for help, because the way to anyone's heart is still through his or her stomach.

Gifts of food tell the receiver that they are worth the time both in thought and labor that you applied to its creation.

Breads, cookies, cakes, and a lot of unusual ideas we have included here are all good ways to say "Merry Christmas."



Coated Peanuts

Pecan Pie

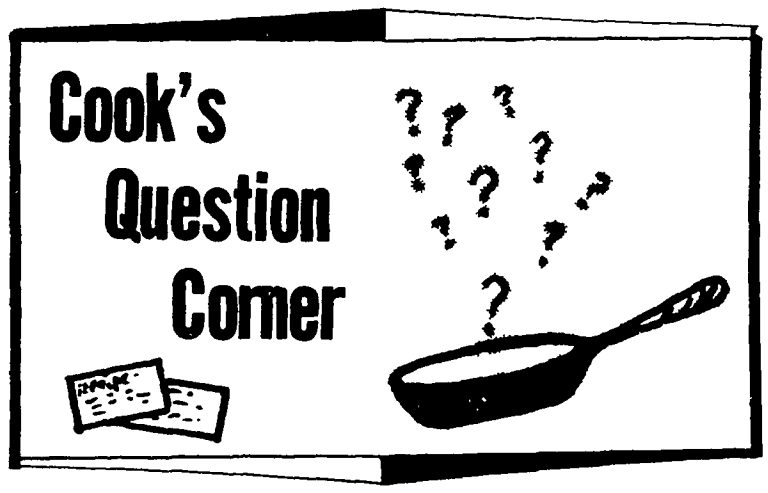
CARAMEL CORN CLUSTERS
1 pkg. caramels
1/4 c. sugar
1/4 c. water
2 qt. popped pop corn
2 c. peanuts

Combine caramels, sugar and water in saucepan. Cook over low heat, stirring constantly until mixture is smooth and comes to a full boil; continue to stir constantly while mixture boils gently for 5 minutes.

Combine pop corn and peanuts in large baking pan. Pour caramel sauce over pop corn mixture and quickly toss, using two forks until pop corn and peanuts are well coated. Spread mixture on cookie sheets. Let stand until cold, then break into clusters.

Mrs. Clarence Smith, Dover, Del.

Unusual holiday dishes make thoughtful gifts



NOTE - If you're still searching for that perfect gift for someone on your Christmas list, consider a holiday dish. You'll find some unique dishes above and lots of cookie ideas in next week's Home on the Range.

ANSWER - For the reader who requested a French onion soup, comes the following contribution from Mrs. Charles Biehl of Mertztown.

French Onion Soup

3 T. butter
6 med. white onions, sliced
4 c. bouillon
1 c. sauterne (wine)
6 slices French bread
4 T. butter
½ c. grated Parmesan cheese

Melt butter. Saute sliced onions in butter until transparent. Add bouillon and cover. Cook slowly until onions are tender. Add wine, salt, pepper to taste. Heat to boiling point. Butter and toast French bread. Sprinkle with Parmesan cheese. Bake in top of oven at 450 degrees until cheese browns lightly. Float slices of toasted cheese bread on top of soup.

Recipe Topics

December	
11	Christmas cookie time
18	How about a favorite dish?
25	Unique ways to serve ham
January	
1	Thick, juicy beef dishes
8	Warm soups for cold weather

TRADITIONAL PECAN PIE

3 eggs
1 c. light corn syrup
1 c. sugar
2 T. butter, melted
1 t. vanilla extract
1/8 t. salt
1 c. pecan halves
1 unbaked pastry shell

In a medium bowl beat eggs slightly. Mix in corn syrup, sugar, butter, vanilla and salt. Then mix in pecan halves and pour into unbaked pastry shell.

Bake at 400 degrees for 15 minutes; reduce temperature to 350 degrees and continue baking for 25 to 30 minutes, or until lightly browned and completely puffed across top. Cool. If desired, serve garnished with prepared whipped topping and additional pecan halves.

Arlene Miller, Selinsgrove

FUDGY PECAN BROWNIE PIE

3/4 c. pecan pieces
1 pkg. chocolate pudding and pie filling
1 c. sugar
1/4 c. butter, melted
3 eggs, beaten
1 t. vanilla extract
1 pastry shell, partially baked

Coarsely chop pecan pieces; set aside.

Combine chocolate pudding, sugar, butter, eggs and vanilla; beat until well blended. Stir in pecan pieces and pour into partially baked pastry shell.

Bake at 350 degrees for 45 to 50 minutes. Cool. May be served warm or chilled. Garnish with whipped cream and deliver to a friend.

Planters Peanuts Corp.

Dissolve sugar in water in saucepan over medium heat. Add peanuts and continue to cook over medium heat, stirring frequently. Cook until peanut is completely sugared (covered and no syrup left). Pour and spread over ungreased cookie sheet and bake at 300 degrees for approx. 30 minutes, stir occasionally for even roasting.

Mrs. Ralph Eberly, Rl Harrisburg

(Turn to Page B7)

SUGARED PEANUTS
1 c. granulated sugar
1/2 c. water
2 c. raw shelled peanuts, skins on

Caramel Corn Clusters

Home On The Range

(Continued from Page B6)

SPICED PEANUTS

1 c. sugar
1/2 c. water
1 t. cinnamon
1/2 t. nutmeg
1/2 t. ground cloves
1 lb. roasted peanuts

Boil sugar, water and spices until syrup threads from spoon. Drop one pound of peanuts into syrup. Stir until nuts are dry looking. Pour out on waxed paper and let stand until cool and dry.

Planters Peanuts Corp.

CHOCOLATE COVERED PEANUTS

1 pkg. semi-sweet chocolate bits
2 1/2 c. roasted peanuts

Melt chocolate pieces in top of double boiler over hot water. Add peanuts to melted chocolate and stir to coat. Turn out on waxed paper spreading so that peanuts are separated as much as possible.

Allow to cool.

Wrap in a box or place in a tin and give to a friend.

CREAMY EGGNOG PIE

Graham cracker crust

Heat oven to 350 degrees. Mix 1 3/4 c. graham cracker crumbs, 1/4 c. sugar and 1/2 c. butter, melted in small bowl. Press against bottom and side of ungreased pie plate. Bake 15 minutes.

For pie filling:

1 envelope unflavored gelatin
1 1/2 c. cold commercial eggnog
1 c. chilled whipping cream
1 tub Creamy Deluxe cream cheese and nuts, sour cream white or vanilla ready-to-spread frosting
1 T. rum
1/2 t. ground nutmeg

Bake crust; cool. Sprinkle gelatin on cold eggnog in 1-quart saucepan to soften; heat just to boiling over medium heat, stirring constantly. Refrigerate until completely cool. Beat whipping cream and frosting in large bowl on high speed 3 minutes; stir in eggnog mixture and rum. Pour into crust; sprinkle with nutmeg. Freeze until firm, about 8 hours. Rush to a friend.

CHOCOLATE ROLL

7 T. cake flour
5 T. cocoa
1/4 t. salt
3/4 t. baking powder
4 med. large eggs, separated
3/4 c. sugar
1 t. vanilla

Sift together the flour, cocoa, salt and baking powder. Beat egg whites until stiff. Gradually add sugar, beating until very stiff. Transfer beater without washing to yolks and beat until thick and lemon colored. Add vanilla. Fold in the whites. Sift dry ingredients over and fold in until all are blended. Turn into wax paper-lined butter jelly pan. Bake at 400 degrees for 13 minutes.

Turn out at once on clean towel liberally sprinkled with icing sugar. At once cut off crisp long edges and roll up sugar sprinkled towel. Cool on racks one hour. Unroll when cool and, working on towel, now spread evenly nearly to the edges with speical white icing frosting:

1/2 c. milk
1 T. cornstarch
1/2 c. sugar
1/2 c. butter
1/2 t. vanilla

Mix together milk and cornstarch and cook stirring until thick. Cool. Beat sugar, butter and vanilla together in beater for 5 minutes until very pale and creamy. Add cooled mixture and beat 15 minutes until like whip cream. Add to roll. Carefully roll up in same towel and place open side down on rack to set. You can freeze this.

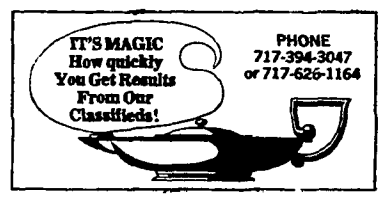
Jane Zimmerman, Leola

CINNAMON NUT BREAD

1/4 c. butter
1 1/2 c. firmly packed brown sugar
2 eggs
2 1/2 c. all-purpose flour
1 1/2 t. cinnamon
1 1/2 t. baking soda
3/4 t. baking powder
1/2 t. salt
1 1/2 t. c. dairy sour cream
1 1/2 c. chopped nuts

Preheat oven to 350 degrees. Cream butter; add sugar gradually and beat until light and fluffy. Beat in eggs, one at a time, beating well after each addition. Combine flour, cinnamon, baking soda, baking powder and salt. Add to creamed mixture alternately with sour cream; beat well after each addition. Stir in nuts. Spread batter evenly in a well-buttered 9x5-inch loaf pan. Bake until wooden pick inserted in center comes out clean, 65 to 70 minutes. Let cool in pan 10 minutes. Remove from pan and cool completely on wire rack. Wrap tightly in plastic wrap and store 24 hours before serving.

United Dairy Industry Asso.



F.W.S. Calendar

Saturday, Dec. 4

Lancaster Society 12 meets for a Christmas party at the Lion's Community Building in Millersville

Lancaster Society 1 meets for morning service at Founders Hall in Hershey

Lancaster Society 10 meets for a Christmas party at the home of Wanda Cox

Lancaster Society 17 meets for Christmas party at the Chestnut Level Church House

Lancaster Society 6 meets at the Church of the Brethren to entertain families with "The Popcorn Story"

Tuesday, Dec. 7

Lancaster Society 23 meets at Brereton Manor at 7 p.m.

Thursday, Dec. 9

Lancaster Society 21 meets for a Christmas party and a gift exchange

Lancaster Society 15 meets for a Christmas party at Rhoads Restaurant

Saturday, Dec. 11

Lancaster Society 19 meets for a Christmas banquet at Family Time Restaurant in Ephrata

Lancaster Society 7 meets for a Christams party

Lancaster Society 2 meets at the Danner Home for a covered dish supper

Lancaster Society 25 meets for a Christmas program by Steve and Dora Nolt

Lancaster Society 14 meets for a family Christmas party at the St. John Lutheran Church in Maytown

Lancaster Society 32 meets for a Christmas party

Drivers, watch for deer

HARRISBURG — Pennsylvania motorists are advised there will probably be more deer killed by vehicles on the state's highways during the next two or three weeks than at any other time of the year.

When whitetails are hunted during the buck and antlerless seasons, they usually take the shortest route from where they encounter hunters to another location where they think it is safe to hide. This path often crosses a highway.

Hunters in the woods during deer seasons cause whitetails to be on the move almost constantly, and the danger of deer-vehicle collisions is just as great during the daytime as at night.

To lessen danger, the Game Commission urges motorists to be extra alert and slow down.

Drivers should always be alert for a second or third deer. Often a motorist sees and avoids the first deer on the highway, only to relax and then hit a second or third whitetail trailing the first.

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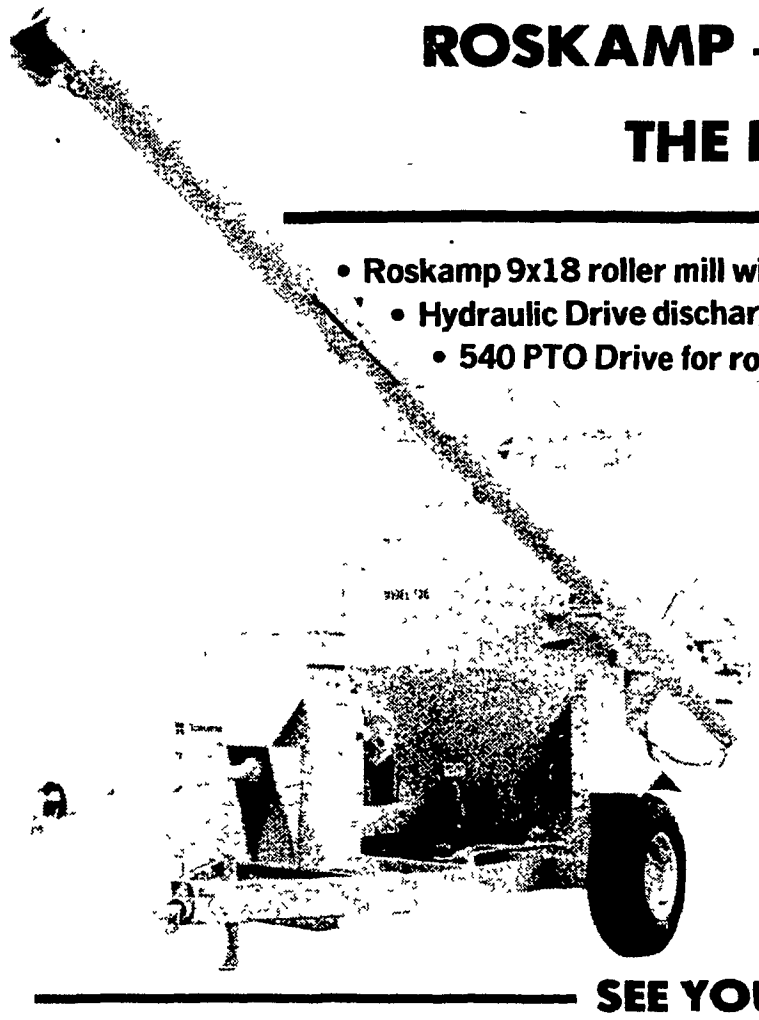

Features:

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

TEACH DOLLARS AND SENSE

Buy, Buy, Buy! That's the message children get while watching television. Especially now during the holiday season, children are being targeted as super consumers. Advertisers are well aware that many children not only have their own spending money but often channel a good bit of their parents' spending as well.

The best way you can protect your children from developing haphazard, impulsive buying habits, is to begin teaching them money management. Your efforts now will help them set reasonable spending priorities as adults.

Your children will learn far more about managing money from your example than they will from what you say. So your first step in teaching sound money practices is to examine your own. If you have a financial plan, meet your financial obligations, talk about money matters in an open and rational manner; your children are apt to have rational realistic attitudes toward money too. Here are some other things you can do:

— Set limits and make rules. children value consistency and accept authority when it is fair and firm.

— Be honest. If you don't want to buy something, say so, and say why. If you'd like to buy something but can't afford it, say so. children need to understand that there are definite limits to spending.

— Avoid comparisons. Play down comparisons with other children and avoid references to your own experiences with money as a child. This is now, and every family has its own spending priorities.

— Be patient. when the allowance or other spending money is gone, talk about where it went and why. Direct experience is a powerful teacher – use it! Money lessons can be hard to learn and few children learn them overnight. Your patience, consistency, honesty, and rules will help your children establish life-long patterns of realistic money management.

Prune now for holiday greens

LANCASTER — Pruning evergreens in December is a good way to kill two birds with one stone. It provides greens for Christmas decorations, and at the same time takes care of a garden chore.

"The closer greens are cut to the time ther're used, the better," says Extension horticulturist Charles Dunham. "But properly stored, they can be cut several weeks ahead."

He recommends putting trimmings in a cool place out of direct light, such as an unheated garage or outdoors on the north side of a building. Branches will be easier to handle and last longer if kept inside a plastic trash bag, provided it is in the shade. Otherwise, the temperature inside the bag will rise and needles will soon drop.

Almost any evergreen can be used for Christmas decorations, but Dunham says some are more attractive and easier to handle than others. Pines hold their needles well in wreaths, swags and roping. Spruces and firs make handsome wreaths. But avoid using Norway spruce or hemlock indoors as they tend to drop their needles quickly.

Holly has a long history of decorative use, but it doesn't last as well as needle type evergreens, Dunham says. Holly wreaths do best outdoors. If used inside, poke ends of branches into a moist base such as spagnum moss or Oasis.

Boxwood is another seasonal favorite—especially for wreaths and swags. It lasts well in decorations.

Yews and junipers are common in home landscapes in this area, and most could stand a little pruning. The trimmings work well in a variety of decorations.

When cutting greens, Dunham recommends taking a little extra time to shape the plant. "Snip off errant branches, even if they're not needed for your decorating project or are too short to use. You may not need to prune again until next Christmas," he says.

Indoors, evergreens will last much longer if they're put in water. This is especially true for holly and evergreen magnolia. Even hemlock can be used this way.

Bouquet arrangements in jardinieres, large urns or crocks can be very effective. Slant-cut stem ends before placing branches in water-filled containers. Change the water every few days if this is practical. If not, add more as needed.

A floral preservative will help extend the life of evergreen foliage, just as it does cut flowers. Dunham suggests making your own as follows:

Homemade Floral Preservative
1 can citrus-type soft drink
5 cans water
To each quart of the above mixture add 10 drops of household bleach.

Wayne Co. holds capon round-up

HONESDALE — Heather Reccelli, Honesdale, and a member of the Countryside 4-H Club, exhibited the Grand Champion pair of capons at the annual Wayne County 4-H Capon Round-up.

Heather's pair of capons each weighed 11 1/2 pounds and received an exhibit score of 19 3/4 points out of a possible 20 points.

Leanne Rhone, from Starrucca, and a member of the Starrucca 4-H Community Club, exhibited the Reserve. Grand Champion pair of capons. Leanne's capons weighed 13 pounds and 11 1/2 pounds and received an exhibit score of 18 3/4 points out of a possible 20 points.

Other results of the 4-H Round-up include:

Beginners Division
Champion - Julie Rhone, Starrucca 4-H Community Club;
Reserve Champion John Wojcik, Bethany 4-H Community Club;

Junior Division
Champion - Heather Reccelli, Countryside 4-H Club;
Reserve Champion - Tim Rhone, Starrucca 4-H Community Club;

Intermediate Division
Champion - Leanne Rhone, Starrucca 4-H Community Club;
Reserve Champion - Melanie Buck, Starrucca 4-H Community Club;

Senior Division
Champion - Mike Torquati, Steene 4-H Club;
Reserve Champion - Peggy Hoefling, Steene 4-H Club;

The Honesdale Rotary Club, in cooperation with the Wayne Extension office, sponsored the round-up.

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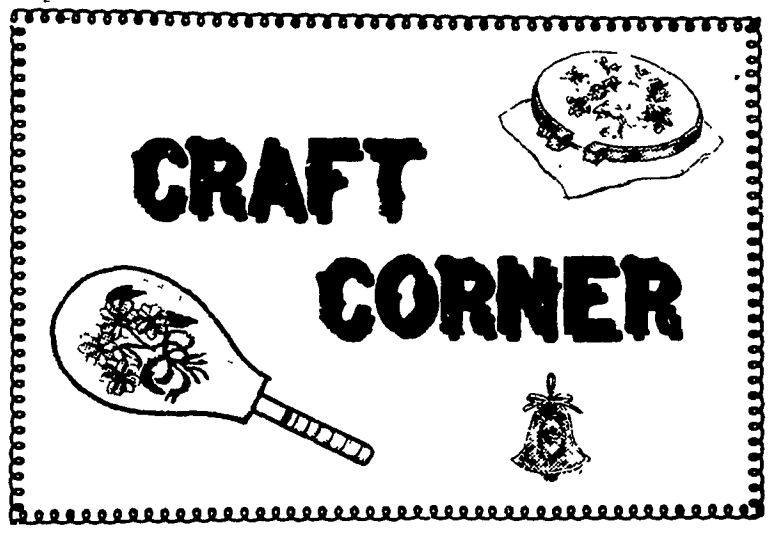


Jewel case from a can

The next time you empty a can of nuts, tuna fish or cat food, don't throw the can away. Instead wash it out and turn it into an elegant jewel case.

A plush, padded case is easy to make from an empty can, fabric scraps and bits of stuffing. It's a perfect accessory for any dresser top; ideal for yourself or for anyone on your gift list.

Here are directions for the jewel case;

MATERIALS: Can, fabric scraps, polyester batting scraps, white glue, cardboard, pencil and paper, needle and thread.

CUTTING THE PIECES: 1. Draw patterns for the can, consisting of a strip and circle. 2. Cut a fabric circle and strip, ½ inches larger than the pattern. 3. Cut cardboard and batting strip to same size as pattern. Trim 1/8 inch from one short edge of each.

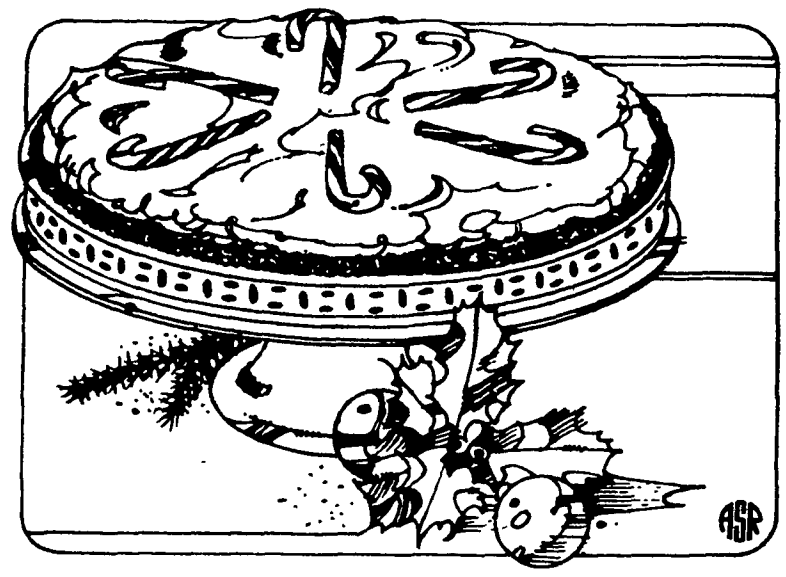
COVERING THE CAN: 1. Cover bottom of can with fabric circle. Glue raw edges around outside of can. 2. Cover cardboard with batting and fabric, gluing short edges and one long edge of fabric inside cardboard. 3. Glue cardboard around outside of can, gluing free edge of fabric inside can. 4. Where edges meet, sew together with tiny invisible stitches.

LINING THE CAN: 1. Cut a cardboard circle and strip, 1/4 inch smaller than the pattern. 2. Cut batting circle and strip to same size as cardboard. 3. Cut fabric ½ inches larger than circle and strip. 4. Cover cardboard circle and strip

with batting and fabric. Glue fabric edges inside cardboard. 5. Glue circle and strip inside can.

LID: 1. Cut cardboard circle and two layers of batting to same size as pattern. 2 Cut fabric circle ½ inch larger than pattern. 3. Cover cardboard with fabric and batting. Glue raw edges inside cardboard. 4. Cut another cardboard circle ¼ inch smaller than pattern. 5. Cut fabric ½ inch larger than cardboard. 6. Cover cardboard with fabric. Glue edges inside cardboard. 7. Glue circles together. 8. Place lid on top of covered can.

Frozen pie perfect for unexpected holiday guests



LANCASTER — Last-minute guests are part of the holiday season, so be prepared for the unexpected. With pre-planning, homemade delicacies can be as close as the kitchen freezer, ready to serve any drop-in visitors.

One festive "do-ahead" dessert, requiring just four ingredients and minimal preparation, is Pink Peppermint Pie.

This refreshing pie combines crushed peppermint candy with red food coloring and thawed La Creme whipped topping with real cream from Kraft. Placed in a chocolate wafer crust, it is then frozen, well in advance of serving. There is no quality loss with thawing and refreezing the topping. With candy cane garnish, this pie looks and tastes like it took hours to prepare.

Even the most organized hostess is occasionally caught unprepared. Adding whipped topping to purchased baked goods provides a homemade touch. Or heat the topping until melted, add a favorite flavoring, and top with ice cream or fresh or canned fruit.

Another popular idea for entertaining is a "coffee bar." Set up a table with your prettiest mugs or coffee cups, a pot or two of coffee, watchers can enjoy this "holiday dessert."

several liqueurs and bowls of whipped topping, then allow everyone to help themselves. Unlike whipped cream, the topping won't wilt or separate as it stands, and it won't melt away when added calories a tablespoon, even calorie

Pink Peppermint Pie

½ cup crushed hard peppermint candy
1 9-oz. container La Creme whipped topping with real cream, thawed
Red food coloring
1 9-inch chocolate wafer crust

Fold candy into whipped topping. Blend in 1 drop of red food coloring, if desired. Pour into crust; freeze until firm. Place in refrigerator ½ hour before serving. Garnish with candy canes, if desired.

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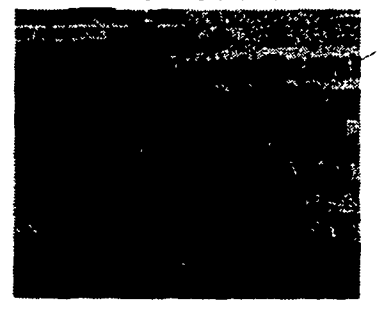


Kid's Korner

America's wild horses: nuisances or treasures?

WASHINGTON D.C. — Ever since wild horses got a law of their own just over a decade ago, they have kicked up such controversy that nobody's sure exactly what to do about them, according to the National Geographic News Service.

When the dust settles, fewer will roam the open ranges of the West or find homes as adopted pets.

Wild horses have staged such a comeback that efforts to increase their dwindling herds 11 years ago have now turned into debates over controlling their swelling numbers. The nearly 50,000 wild horses on the range today are double what the land can support, contends the Department of the Interior, which is in charge of almost all of them.

What's to become of the rest? Depending on which side of the fence you're on, wild horses are: Good-for-nothin' nuisances that destroy grazing land, drive out cattle, endanger wildlife and should be rounded up and sold for pet food, or they're living symbols of the pioneer spirit of the West that should continue to be protected from capture, branding, harassment, and death, and allowed to run free on federal lands—preserved as national treasures.

In 1971 Congress bestowed full legal status on wild horses for the first time by passing the Wild Free-Roaming Horse and Burro Act. It gave them the distinction of being the only wild animals "owned" by the federal government.

Because these horses were not originally wild, but descendants of domestic horses brought to the Americas by 16th-century Spanish conquistadors, they had not been covered by federal or state wildlife protection laws. Unprotected, they shrank in number from more than a million in the early 20th century to just 17,000 in 1971.

Since the 1971 law, wild horses have tripled on the range. In addition, 38,500 "excess" horses have been taken off for adoption, and another 2,500 old, lame, ill, or unadoptable ones have been legally destroyed. Putting horses up for adoption has been the main method of controlling their numbers.

It's still not enough, according to the government. The number of adoptions has actually slowed since January 1982, when the Interior Department started charging $200 per horse delivery fees in an effort to recoup part of the $4 million-a-year cost of running the horse and burro program. One such distribution area was recently opened in York County, Pa.

In an unusual alliance, many conservation organizations such as the National Wildlife Federation have joined the Interior Department and cattle ranchers in calling for further cutbacks in the number of horses on the 47.5 million acres of federal lands they occupy. More than half of the wild horses are in Nevada, the rest scattered over the nine other western states

A new government-sponsored study of wild horses — the most extensive so far — says that there are probably even more horses on the range than current estimates indicate and recommends further research to determine how many should be considered "excess."

Meanwhile, the Interior Department is supporting legislation pending in Congress that would amend the 1971 law to permit auction of the excess horses that are not adopted. It also would allow horses to be sold for processing into commercial products.

"That legislation could reverse the 30-year-campaign to save the wild horse. The U.S. government could become the greatest 'mustanger' of all," claims Ted Crail, of the Animal Protection Institute, which opposes the action.

"The primary buyers will certainly be people ready to deliver the horses to slaughter houses. And that will be the end of the wild horse as it now exists. We'll be left with tokenism."

The 20th-century history of the wild horse has been more abusive than glorious. With more than a million on the range -- descendants of horses that escaped from or were turned loose by Spanish explorers, Indians, wagon trains, prospectors, and ranchers—they were soon looked upon as pests.

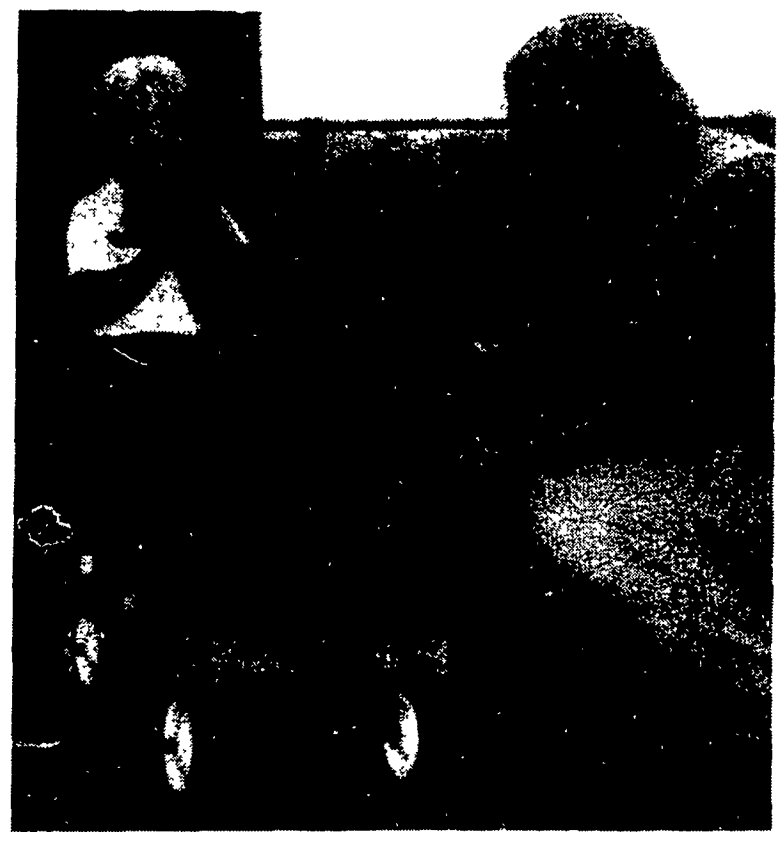
Domestic horses turned wild, or feral, become truly wild generally within a generation. By the 1920s many ranchers were shooting wild horses on sight. After World War II commercial hunters were rounding them up for slaughter by the hundreds. The pet food industry had put a profitable premium on dead horses. Paid by the pound, hunters tracked them down in the fastest, cruelest, way possible, chasing them with trucks and planes until they dropped and then hauling away exhausted animals.

Along came "Wild Horse Annie" to the rescue. A Reno, Nev., secretary named Velma Johnston, she led a nationwide campaign in the 1950s against the abuses. Finally Congress in 1959 took the first step, prohibiting the use of motorized vehicles in capturing wild horses. But Mrs. Johnston did not give up until they were granted full protection in 1971.

Even having their own law did not completely end the abuses. The adopt-a-horse program ran into trouble when it was discovered that hundreds of "adopted" horses wound up as pet food. Several people eventually were jailed and fined. In 1978 a new regulation limited the number of adoptions per person to four.

Stacey's puppies

Four-year-old Stacey Bailey is proudly displaying her black labrador puppies. The mother, beside Mr. Bailey, is called Dee Dee and is also proud of her 10 puppies. Stacey's mother writes, "Would you believe there are 9 puppies in that wagon?" Well, when they're all that black, it's hard to distinguish one from nine. Do you have a picture of you and your favorite pet? Send it to Kid's Korner, Lancaster Farming, Box 366, Lititz, Pa. 17543, along with your name, address, pet's name and ages, and we'll put your picture here, where Stacey's was.



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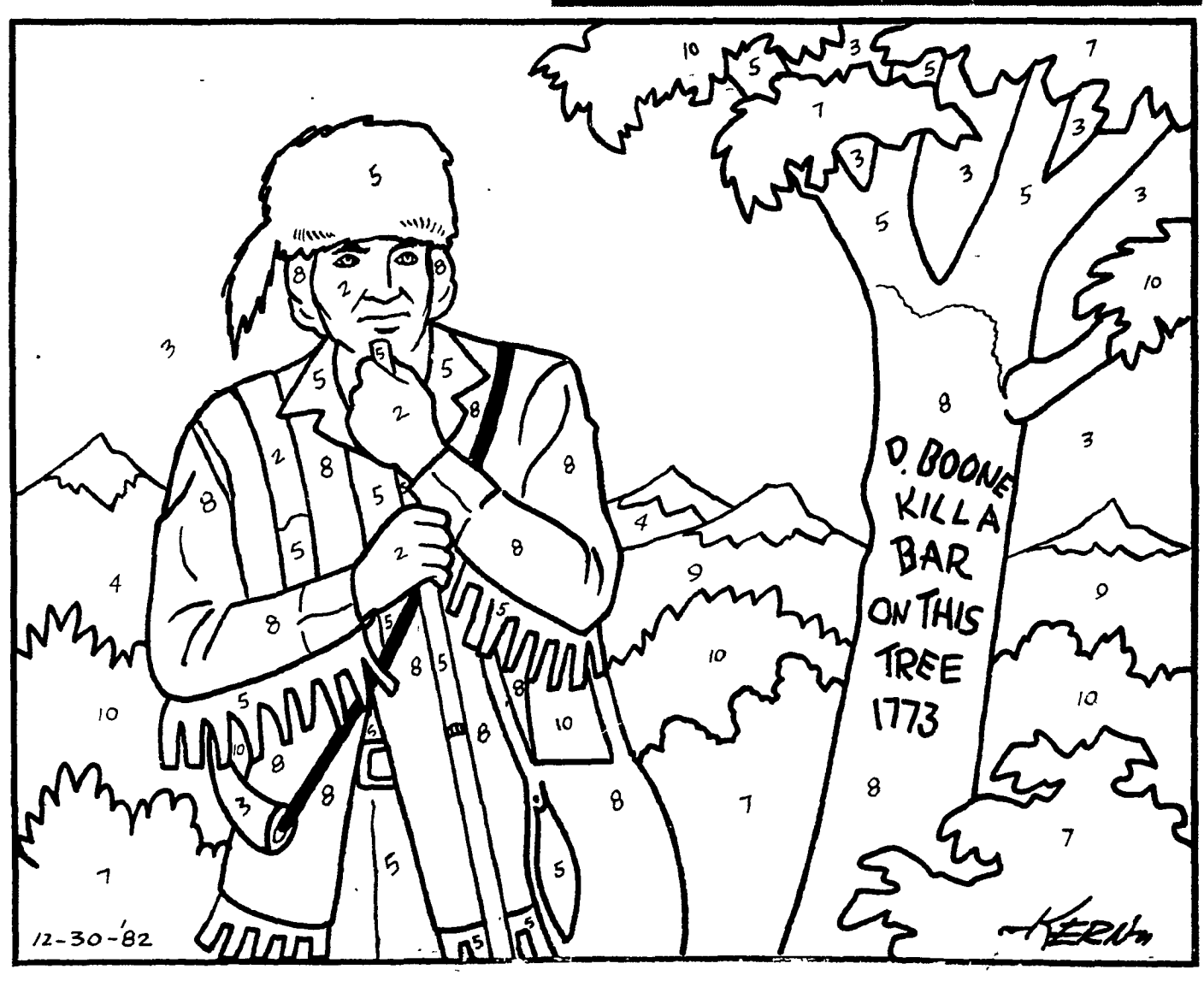

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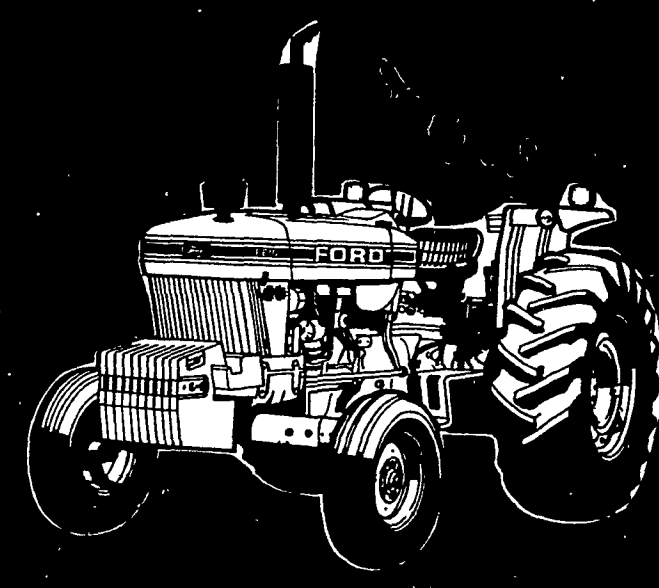

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Hunterdon Co., N.J. 4-H'ers hold achievement dinner

FLEMINGTON, NJ — About 200 4-H members and leaders were honored at ceremonies held Friday, Nov. 12, at the Three Bridges Reformed Church, here, for the annual achievement dinner.

County medals were presented by Dr. Frank Kingsbury of Glen Gardner, former Extension veterinarian at Cook College and Lillian Snyder, treasurer of the Hunterdon County Home Economics Council.

Four-H secretary Lillian Chilmonik received the Friend of 4-H Award for 1982 from the Hunterdon County 4-H Association. Mrs. Chilmonik has worked in the 4-H office for over 17 years, and has done much in promoting the 4-H program during those years.

Leader of the Year honors went to Hunterdon County 4-H Sheep Club leader Ruth Commelin. Mrs. Crommelin, once a sheep club member, has served as a club leader for 18 years. She has run the Flemington Fair 4-H Sheep Shows for many years, and is a moving force in the 4-H sheep program's success.

Alumni awards were awarded to Patricia Lohner, leader of the Busy Beavers and Bernard Beatty, leader of a new community club in Bethlehem Township. Both were active 4-H members and are now serving in a 4-H leadership capacity.

Clarence Blazure of the Whitehouse Rotary Club presented $100 awards to Virginia Lawreck, 17, and Ken Blemings, 18, as Hunterdon County's Outstanding 4-H'ers of 1982.

Miss Lawreck is currently Hunderdon County's 4-H Queen and is a National Honor Society senior at Hunterdon Central High School.

Blemings is presently a freshman at Virginia Tech, was vice president of the Junior Leaders Association and Hunterdon County 4-H Beef Council in 1981. In 1982 he served as Hunterdon Hills FFA's president and worked as assistant head herdsman at the Flemington Fair.

Louisa Cole, president of the Hunterdon County 4-H Association, and a leader for twenty-one years, was the recipient of the Farm Credit Service award. Joy Biggart of the Farm Credit office presented the award to the Neshanic Station resident. Mrs. Cole, who supervised the organization of the awards dinner, is one of the backbones to the 4-H Association, advisor to the Junior Leaders Association and leader of her own club, the County Cooks.

Special Senior Merit Awards for outstanding achievements in 4-H were given to: Jennifer Blemings, Lisa Davis, Jackie Lewis Jake Matyas, Laura Menard; Liz Panacek, Janet Rogers and Michelle Yontz.

Donna Cole was cited as the county's outstanding 4-H foods club member. Foods and Nutrition Project Unit awards were presented to Miss Cole and her sister Karen, Patrick Bird and Craig Parsons.

Horticulture exhibit awards were presented to Shirley Lefebvre Anne Marie Siebenlist and Maria Garguila as the three highest scorers in the 1982 Flemington Fair.

Club awards were received by: Hunterdon County 4-H Sheep Club; Cherryville Homemakers 4-H Club; Country Cooks 4-H Club, Herpetology 4-H Club, Scissor Wizards, Sifting Stitchers, Star Riders, All Breeds 4-H Sheep and the Flour Children 4-H Club.

Leaders cited for long years of service were: Mabel Peabody, 29 years; Larry Hunt, 25 years, Louis Cole, 21 years; Diane Kuehn, 20 years; Ruth Crommelin and Grace Standish, 18 years, Helen Shigo 17 years and Phillip Commelin, 15 years.

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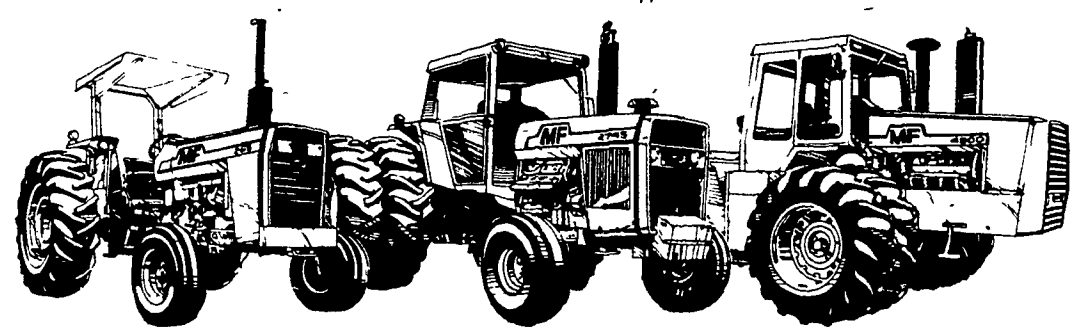

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Walker wins Chester Co. beef title

WEST CHESTER — Ken Walker, son of Mr. and Mrs. Paul Walker of West Chester, captured the Grand Champion Steer title with his 1150-pound Angus crossbred steer, recently at the annual Chester County Beef Round-up, held at Crebilly Farms.

Ken, who also captured the Reserve Champion title in showmanship competition, is a member of the Baby Beef Club, the County Council, and the 4-H Livestock Judging Team. He was presented a silver platter donated by Mr. and Mrs. James K. Robinson, owners of Crebilly Farm.

Caryn Cook of Elverson, left the show ring with several honors including Reserve Grand Champion Steer with her 1250-pound Angus cross, and the Grand Champion Angus Heifer title.

Reserve Champion Angus Heifer was exhibited by Jill Berry of Elverson.

In showmanship, Sheila Fairbairn, daughter of Mr. and Mrs. Ernest Fairbairn, West Chester, captured the senior champion title, in this, her last year in 4-H.

Tiffany Rohrer and her brother Robbie, children of Mr. and Mrs. Robert Rohrer of Nottingham, were named Champion and Reserve Champion Junior Showmen.

For being named first year showman, Celia Weidman was awarded a gift certificate from Cruetzburg of Paradise.

Judge for the show was Les Burdette, beef cattle specialist at Penn State.—DK

Results from the show are:

Lightweight

1 Paul Caton 2 Rodney Sears 3 Adam Kushner 4 Beki Finkey 5 Cindy Donough

Mediumweight

1 Ken Walker 2 Trudi Marsh 3 Douglas Howe 4 Julie Thompson 5 Mark Myrsten

Light Heavyweight

1 Caryn Cook 2 Sheila Fairbairn 3 Tiffany Rohrer 4 Lisa Howe 5 Anita Howe

Heavyweight

1 Robbie Rohrer 2 Jill Berry 3 Wesley Card 4 Glenn Stoltzfus

Angus Heifers

1 Caryn Cook 2 Jill Berry 3 Lee Berry 4 Donald Cairns

SHOWMANSHIP

Seniors

1 Sheila Fairbairn 2 Ken Walker 3 Cindy Donough 4 Jill Berry 5 Glenn Stoltzfus

Juniors

1 Tiffany Rohrer 2 Robbie Rohrer 3 Anita Howe 4 Trudi Marsh 5 Julie Thompson

First Year

1 Celia Weidman 2 Lisa Howe 3 Adam Kushner 4 Rodney Sears 5 Paul Caton

Caryn Cook, Elverson is pictured with her Reserve Grand Champion Steer. She was presented a trophy donated by Lemar Howe.

Sheila Fairbairn was named Senior Champion Showman ending her 4-H career on a winning note, at the recent Chester beef round-up.

Ken Walker, West Chester, is presented silver platter by Tim McCardell, herdsman for Crebilly Farm for exhibiting the Grand Champion Steer, at the Chester Co. beef round-up.

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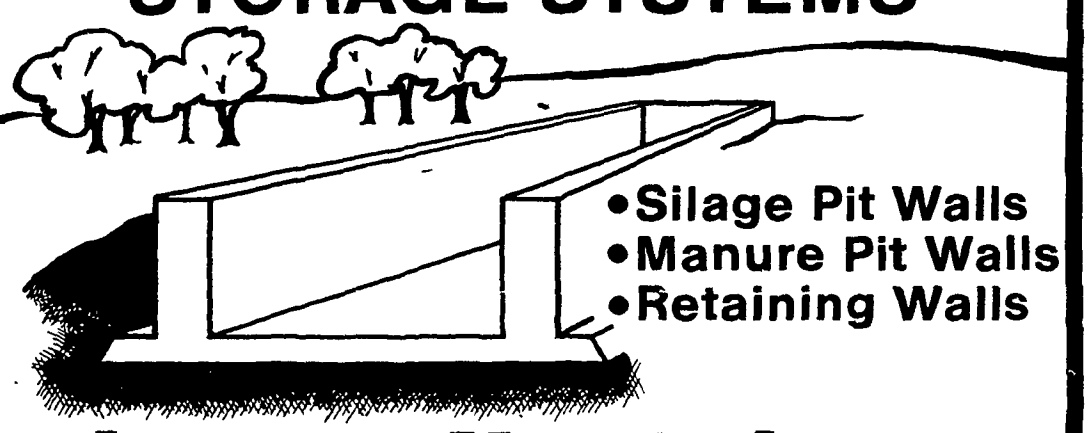

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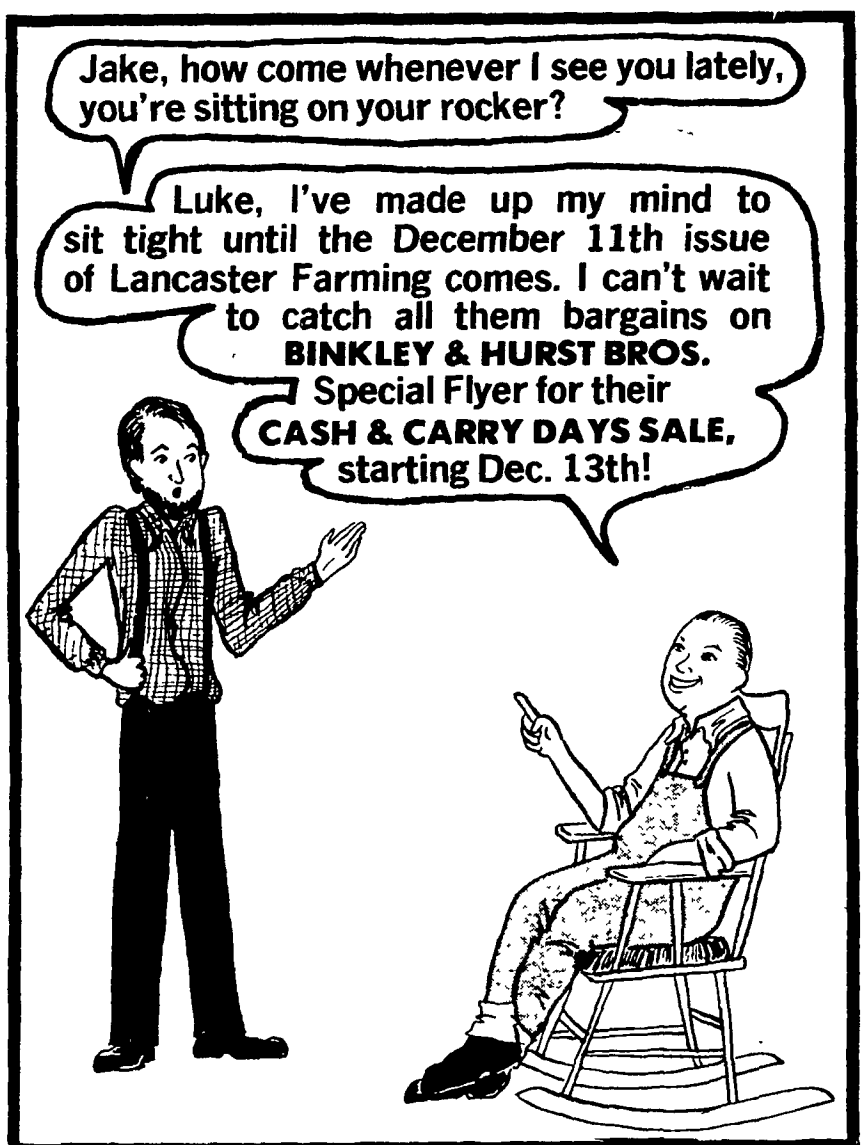
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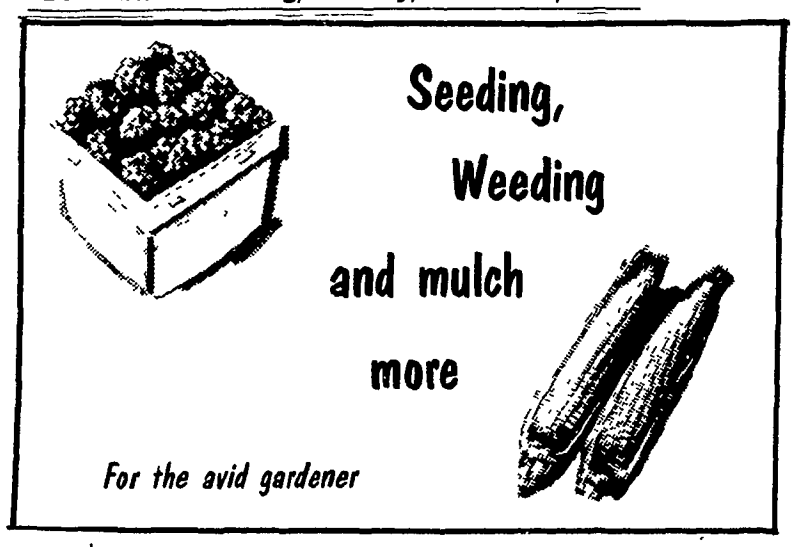

Finish late season lawn jobs

Once the leaves are gone and the damp cold of early winter comes, we are often too quick to let the lawn fend for itself until spring. But as long as the ground hasn't frozen for the winter, there's still work to be done. John C. Harper, Penn State Extension turf specialist, offers these tips on jobs to do and how to do them.

— Keep on raking your lawn. Even though most leaves have fallen and you have been diligent about raking them up, winter winds have a way of redistributing what was left behind. Leaves left on the grass mat and freeze, encourage mold and rot, and leave you with bare spots in the spring. Use a sturdy broom rake for best results and put the leaves on your compost pile.

— Give your lawn a final cut. Warm temperatures late this fall have extended the growing season for many grasses, so keep on cutting as long as top-growth continues. If your grass is more than three inches high, cut it. Longer grass will bend over and mat all winter creating ideal conditions for mold.

— If your soil test indicates you need lime, fall application is best. Winter's rain, snow, and the freezing and thawing of your soil help work the limestone into the soil. Wait until early spring to apply a complete fertilizer with nitrogen, although potash and phosphate can be applied now if your soil test indicates these are badly needed. Contact your county Extension office for a soil test mailing kit to be sure of the nutrient needs of your lawn.

— If snow mold was a problem in your lawn last winter, now is the time to apply controls. If you're not sure, don't self-diagnose. Snow mold first appears in late winter as straw or tan colored circular areas, dead grasses may be covered with fungal growth. If this problem appears in your lawn this winter take a sample to your county Extension office.

Spurs and Burrs Club holds banquet

RIEGELSVILLE — The Spurs N Burrs 4-H Club held their annual family dinner and awards night recently, at Trinity Springfield Lutheran Church, Pleasant Valley.

Officers for the coming year were installed as follows: president, Jennifer Mease; vice president, Carrie Stuart; secretary, Ali Quere; treasurer, Matthew McLaughlin; news reporter, Jennifer Fisher; and activities organizer, Jennifer Kline.

First year pins were presented to Karen Fields, Kara Haas, Shawn Loch and Ali Quere. A past president's pin was awarded to Jennifer Stuart.

Teen Leaders received awards

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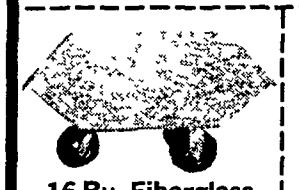
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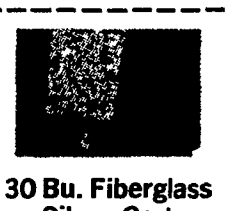
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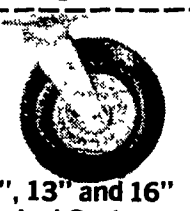
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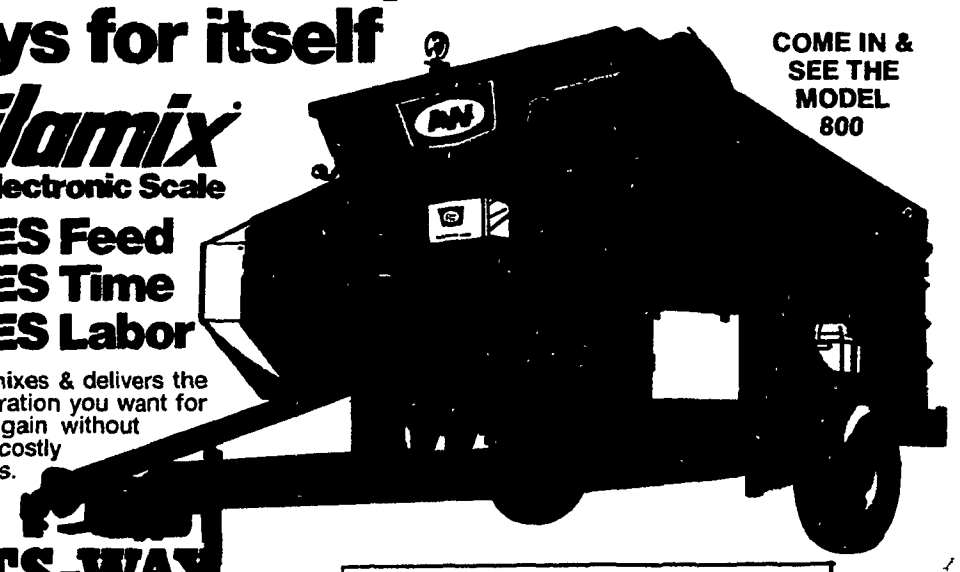

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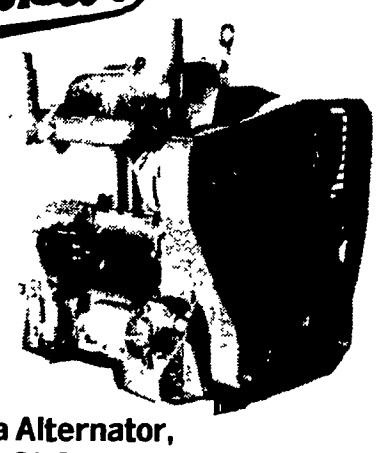

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for their years of service as follows: two years, Jennifer Mease, Carrie Stuart and Jennifer Stuart; five years, Bonnie Hottle. Perfect attendance was achieved for the second year by Jennifer Mease and for the seventh year by Bonnie Hottle.

Pomona Grange Awards for outstanding achievement in each project area were presented to: Shawn Loch, Karen Fields, Jennifer Fisher, Bonnie Hottle, Kelly Leister, Jennifer Kline, and Jennifer Mease.

Highlighting the evening was the presentation of the USET award for the most 4-H spirit. This one-time award for club members was presented to Jennifer Mease. She was chosen by the other club members as the member who showed the most 4-H spirit throughout the previous year.

Farm Women Societies

Lancaster Co. Society 2

Lancaster Society 2 met at the home of Edna Loose of Penryn recently to make bed pads for the Brethren home.

The next meeting will be held at the Danner Home in Manheim, Saturday, Dec. 11.

Lancaster Co. Society 5

Lancaster Society 5 met Saturday, Nov. 27 at the home of Kathryn Eickelberger of Brethren Village, Lititz.

Guest speaker for the afternoon was the Reverand Nevin Zuck who delivered a Thanksgiving message.

The next meeting will include a Christmas luncheon at the home of Sandy Yocum and will feature a gift exchange.

Lancaster Co. Society 12

Lancaster Society 12 met at the home of Mrs. James Fry recently to hear a representative of United Way talk about this year's campaign.

The Society will hold their annual Christmas party tonight at the Lion's Club Building in Millersville.

Berks Co. Society 11

Berks Society 11 met at the home of Rose Hibshman to install new officers for the upcoming year.

Officers include: president, Rose Hibshman; vice president and corresponding secretary, Doris Brown; secretary, Jean Erb; and treasurer, Shirley Lentz.

Society 11 will be holding their Christmas party tonight at the church in Hamlin.

Fulton Grange 66

Fulton Grange 66 met at the hall in Oakryn recently for an aerobic dance demonstration and committee reports.

A Christmas party will be held Monday, Dec. 13, and will include both a Christmas card and gift exchange.

Members will go carolling on Saturday, Dec. 18.

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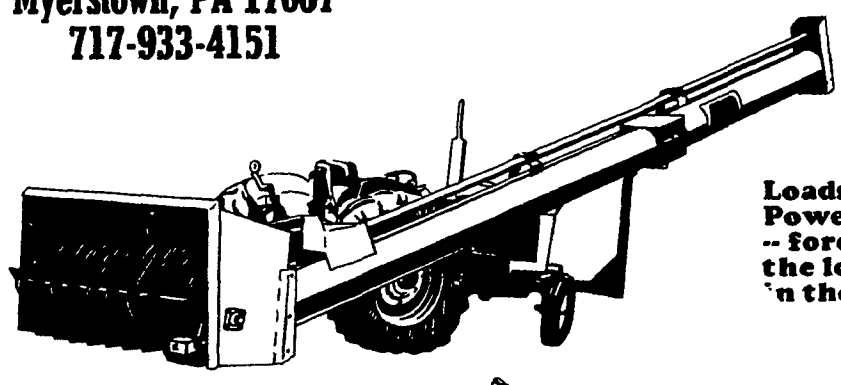

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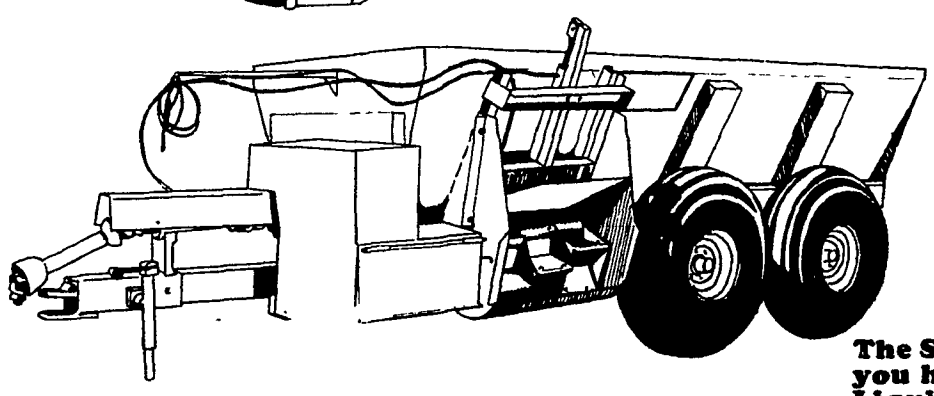

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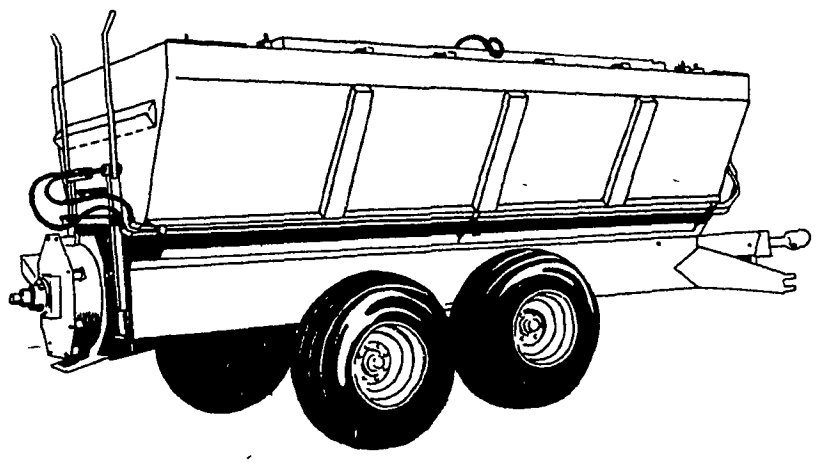

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Bowmaster exhibits Adams Co. Capon Round-up champ

Clark Spense of Ortanna is always game for a little friendly bidding which left him with a "flock" of dressed capons during the Cashtown 4-H auction.

By M. Eileen Graham

CASHTOWN — Getting up with the chickens, feeding them morning and night and tending to their needs every day, including Sundays isn't easy, but Adams County 4-H'ers who took their prize birds to the annual county 4-H Capon Roundup here last week were rewarded with the highest prices on record in the event's 18-year history.

Eight 4-H club members sold three capons each for an average price of $6.92 per pound during an auction which followed the judging and banquet.

Sherry Bowmaster, daughter of Mr. and Mrs. John Bowmaster, Aspers, exhibited the Grand Champion capon. It weighed 11½ pounds and was purchased by Bernard Miller at $25 per pound for a total of $287.50.

It was the 15-year-old's first year as a 4-H club member; she won her capons in a drawing sponsored by the Adams County Poultry Association during the summer.

"I learned fast," she stated, noting that all of the 25 chicks survived. Her largest dressed bird so far weighed 12½ pounds; those remaining after the Roundup have sold for $1.40 per pound. "I made a good profit on mine," she said.

Bill Shetter, son of Mr. and Mrs. Edward Shetter, Gettysburg, exhibited the First Reserve Champion. Weighing 10½ pounds, the capon sold for $11 per pound, or a total of $115.50, to the Gettysburg National Bank, represented by Fred Schultz.

The second Reserve Champion, exhibited by Patrick McMaster, son of Mr. and Mrs. Robert McMaster, weighed 10¾ pounds and was purchased by Ed Gotwalt of Mr. Ed's for $9.50 per pound, or $102.15.

Hosted annually by the Cashtown Lions, the Roundup also was sponsored by the Adams County Poultry Association and the Adams County Cooperative Extension Service, with Larry Peters, A Biglerville auctioneer, volunteering his services for the sale.

In all, 24 capons weighing a total of 246½ pounds were sold for $1,705.95, according to John Bream, chairman for the event. Bream noted that profits received by the 4-H'ers are used as operating capital for next year's capon projects and help them meet future educational expenses.

Each member is required to have a flock of at least 25 capons, three of which are brought to the Roundup — two for judging and an additional bird to sell along with the others.

The capons were evaluated according to conformation, freedom from pin feathers, cuts, tears and bruises, packaging and dressing procedures.

Judging was based on the Danish System and was done by Bob Gregory, Pennfield Corporation sales and marketing serviceman.

4-H'ers awarded blue ribbons for exhibiting superior quality capons were: Sherry Bowmaster, Bill Shetter, Patrick McMaster, Ken Shetter, Jenny Shetter and Jackie King. Alan Kuykendall and Daniel McMaster received red ribbons for their excellent quality capons.

Extension Program Assistant Darlene Resh complimented parents of the members for their support in the program and praised the 4-H'ers, saying "To dress two capons to look exactly alike takes an awful lot of time."

In addition to buying trophies for the Roundup, the Adams County Poultry Association supplied free chicks to three of the capon club members in a special drawing. The trophies were presented by county Poultry Queen, Shelly Mummert.

Two of the capons were purchased during the auction by the Poultry Association and were donated to the Green Acres Nursing Home in Gettysburg for Thanksgiving. The Gettysburg National Bank also donated its two capons to the home.

Proud 4-H'ers and generous bidders pose with their "trophies" during last week's Adams County 4-H Capon Round-up. Bill Shetter of Gettysburg, left, showed the first reserve champion which was purchased by Fred Schultz of Gettysburg National Bank for $11 a pound; Sherry Bowmaster's grand champion brought a $25-a-pound bid from Sheriff Bernie Miller, center; and Patrick McMaster of Gardners sold his second reserve champion to Ed Gotwalt of Mr. Ed's for $9.50 a pound.

A blue ribbon bird is auctioned off by Larry Peters for Adams County Capon Club member Jenny Shetter.

Sheriff Bernie Miller, no "chicken" when bidding for capons

There's a reward for Sheriff Bernard Miller of Adams County — and that is the sight of young people's happy faces after he buys their grand champion capon, something he's done for practically every winner during the past 18 years. This year Miller was to bidder on the champion capon raised by fifteen-year-old Sherry Bowmaster of Aspers.

CASHTOWN — It's a well known fact that Adams County Sheriff Bernard Miller is no chicken, especially when it come t bidding on the prize-winning capons of 4-H'ers who participate in the Annual Adams County Capon Roundup, hosted yearly by the Cashtown Lions Club.

Miller has been top bidder for the grand champion capon for nearly all of the 18 years the Roundup has been held and bought this year's 11½-pound bird for $25 per pound, or $287.50.

The most he ever paid for a grand champion capon was $35 per pound, he said.

Darlene Resh, Adams County Extension Program Assistant, remembers that year well and says that Miller and several other Lions Club members began joking among themselves about the recent election after the bidding had actually been stopped at $21 per pound. Apparently they forgot themselves and simply resumed where they had stopped, taking the price on up in what one of them termed, "a little friendly bidding escapade."

Resh said she was so astonished that "the judge thought he was going to have to pick me up off the floor."

Miller says modestly, "I just feel that the kids do a good job with them (capons) and they deserve to get the money." The Lions Club receives none of the proceeds from the auction, he notes.

In recent years Miller, a widower, has given away the capons he's bought, but he says that his wife used to stuff them with bread filling and roast them for the Thanksgiving holiday.

Among the bonuses he's received have been the thank you letters 4-H'ers have sent him over the years, he says.

Miller was born on a farm near Gettysburg and has served as Adams County Sheriff for 13 years. — M.E.G.

Parting is such sweet sorrow

There's a special, very special bond that develops between a 4-H'er or FFA'er and their project animal.

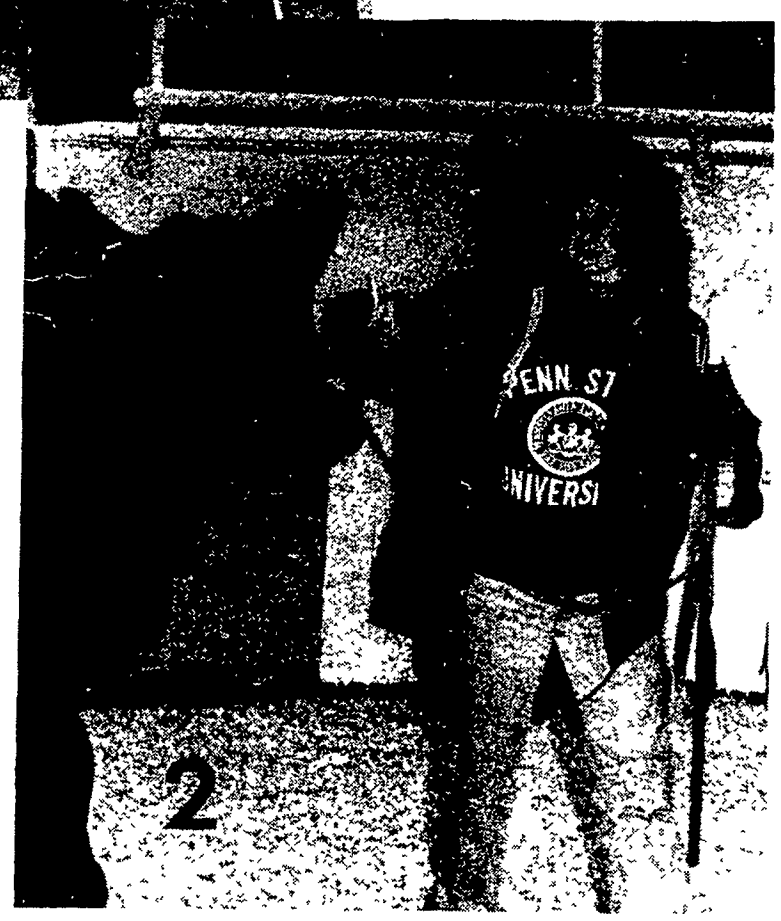
The bond is born when the calf or whatever is bought, is nurtured during the long months of care and preparation and reaches a pinnacle at show and sale time.

When it comes time to separate, the young men and women react in different ways. Some openly express their feelings and some choke them back.

Here are a few young ladies who openly expressed their feelings as they led their calves through the ring for the last time at the recent District Beef Sale at New Holland Sales Stables.

The tearful young ladies are 1. Lori Good, Lititz; 2. Jill Kettering, R7 Manheim; and 3. Jeannie Ginder, R3 Elizabethtown.

1



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Juice lovers put squeeze on cranberry growers

WASHINGTON D.C. — Have you ever bitten into a fresh cranberry? Well, don't.

Even people who grow cranberries won't eat them or drink their juice straight. Just one bite of the bitter red berries makes lips pucker, eyes water, and tongues recoil.

But sweeten, them, and Americans can't get enough of their tangy taste. In the last five years people have been consuming cranberries faster than growers can grow them—despite record crops. This year's harvest is expected to be the biggest in history, topping 2.7 million barrels, according to U.S. Agriculture Department projections.

And that's still not big enough. The reason: people would rather drink their cranberries than eat them. About 70 percent of all cranberries now wind up squeezed for juice. Twenty years ago nearly all stayed whole or were turned into the traditional cranberry sauce.

Probably because cranberries, along with blueberries and Concord grapes, are among the few native American fruits, Americans grow and consume more of them than anyone else in the world.

The berry's roots are in New England. Wild cranberries were growing on Cape Cod when the Pilgrims stepped ashore at Plymouth in 1620. Although tradition has most identified them with the holiday turkey, there is no record that the berries were on the menu for the first Thanksgiving.

Today, cranberries are grown in five states: Massachusetts, Wisconsin, New Jersey, Washington and Oregon. Massachusetts, whose official state drink is cranberry juice, nearly always takes the lead; together with Wisconsin it accounts for 80 percent of the national crop.

Massachusetts is the home of the grower-owned cooperative, Ocean Spray, which controls 80 percent of the nation's $300 million-a-year cranberry business. Its headquarters is within sight of Plymouth Rock.

Not until nearly two centuries after the Pilgrims arrived were cranberries first grown commercially. Cape Codder Henry Hall noticed that the best wild berries grew in spots where sand had blown over the plants. He copied nature, and growers today still spread a new layer of sand over their cranberry bogs every three or four years. The coating helps keep down weeds and insects.

A harvest time, the bogs are flooded, becoming red seas of bobbing berries. Giant egg beater-like machines whip up the water and loosen the berries from their stems.

"The buoyant berries have air sacs that enable them to float to the surface. Flooding the plants results in the loss of fewer berries at harvest," explains Irving E. Demoranville, director of the Cranberry Experiment Station of the University of Massachusetts.

After bobbing in the bogs, cranberries must be able to bounce, too. Processors generally tell the good berries from the bad by their bounce.

The berries are dropped down the equivalent of a fight of stairs and must bounce over a 4-inch-high barrier. If a berry misses on the first try, it tumbles down to another barrier for a second chance. In all, it gets seven tries before it is declared unfit.

At harvest time, on Cape Cod, cranberry bogs are flooded, and buoyant berries drift into wooden booms. Workers then gather them for whisking up conveyor belts to trucks. Most cranberries today wind up squeezed as juice.

Warning on destructive shooting

HARRISBURG — Each year public utilities incur cable systems and the general public endures numerous hardships as a result of hunters indiscriminately shooting insulators, poles, wires and transformers. In addition, traffic signs, warning posters and even billboards become targets of a few slob hunters.

The Game Commission warns it is unlawful to damage property, and hunters face fines and possible loss of hunting privileges. Where lines or cables used for civil defense or military functions are involved, the FBI has investigative jurisdiction and will prosecute.

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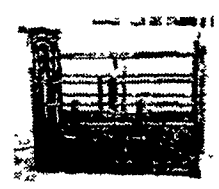

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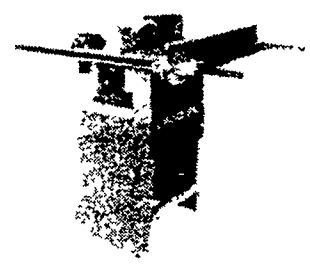

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Farmers suffer more hearing damage

COLUMBIA, Mo. - Farmers have twice the high frequency hearing test failures of non-farmers.

That's because they've had years of exposure to noisy farm equipment, said Dr. James Thelin, chief of audiology at the University of Missouri-Columbia School of Medicine.

Dr. Thelin recently compared hearing losses of 250 Missouri farmers to a similar group of non-farmers found to have average hearing.

"Farmers with high-frequency hearing loss have good hearing at low frequencies and can detect speech, but they may not understand it," he said. "They always miss high frequency sounds, the same sounds normal hearing people would miss if someone spoke to them through a hand held over the mouth."

At moderate and high frequencies, 17 percent of farmers compared to eight percent of non-farmers failed the hearing test in both ears.

High-frequency hearing loss first appeared in 20-29 year-old farmers and was ten years advanced over non-farmers in each decade thereafter. Accumulated hearing loss was greatest for 60 to 69 year-olds. By then, the decade by decade loss touched 68 percent of the farmers compared with 44 percent of non-farmers.

People who lose high frequency hearing first notice they no longer hear women's and children's voices well. So they suffer "communication dilemmas" in business and social gatherings, Dr. Thelin said. It is impossible for them to pull a particular voice out of background noise and listen to it and it alone.

Information on agricultural noise levels and prevention of high-frequency hearing loss is available in "Noise—The Invisible Hazard," a University of Missouri-Columbia Extension publication available from Extension centers throughout the state.

Godshall shows top capon

MOUNT JOY — A capon auction was held at the Mount Joy Rotary Club's meeting last week. Members of the 4-H Capon Club, which is part of the Elizabethtown-Donegal 4-H Community Club, presented the dressed birds for judging and auctioning.

Steve Godshall, son of Dr. and Mrs. Stanley Godshall, 120 Heisey Ave., Rheems, received the grand champion ribbon. He scored 19 points out of a possible 20 in the judging.

Doug Musser, son of Mr. and Mrs. Harold Musser, R3 Elizabethtown, was the reserve champion. He scored 18 3/4 points out of a possible 20. Herb Jordan of Penn State University judged the capons.

Godshall's capon, which weighed 10 1/8 pounds, was purchased by Dan Gohn, president of the Rotary Club, for $6 a pound.

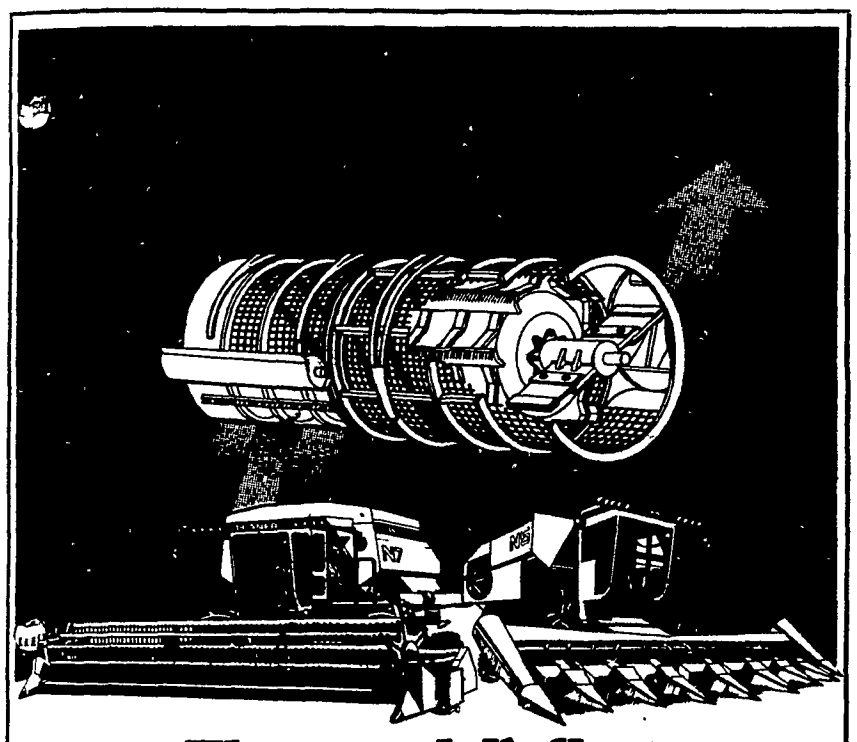
Musser's capon, which weighed 10 3/4 pounds, was purchased by Jim Rutt, vice-president of the club, for $3.50 a pound.

Another of Godshall's capons was sold to Lloyd Heisey for $3.25 a pound and another of Musser's was sold to Jim Rutt for $2.75 a pound.

Other members of the club are Jane and Billy Endslow, children of Mr. and Mrs. William Endslow; Randy and Rick Hollinger, sons of Mr. and Mrs. Nelson Hollinger, R3 Elizabethtown; Tony Spickler, son of Mr. and Mrs. James Spickler, R1 Mount Joy; Greg Musser, son of Mr. and Mrs. Harold Musser, R3 Elizabethtown. Harold Musser is the leader of the Capon Club.

Jane Endslow's capon was sold to Abe Groff for $3.25 a pound; Billy Endslow's to Vince O'Conner for $2.25 a pound; Greg Musser's to Jim Heilig for $2.80 a pound; Randy Hollinger's to Elvin Yeagley for $2.50 a pound, and Rick Hollinger's to Bill Reuter for $2.50 a pound.

Mount Joy Rotarian Harold Keller was the auctioneer for the sale.



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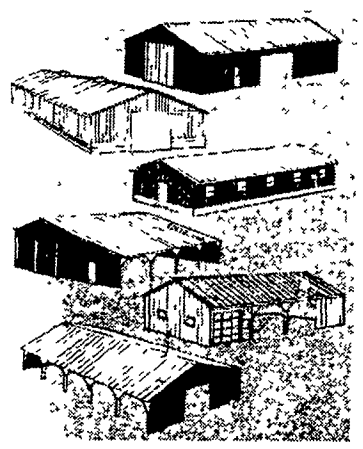

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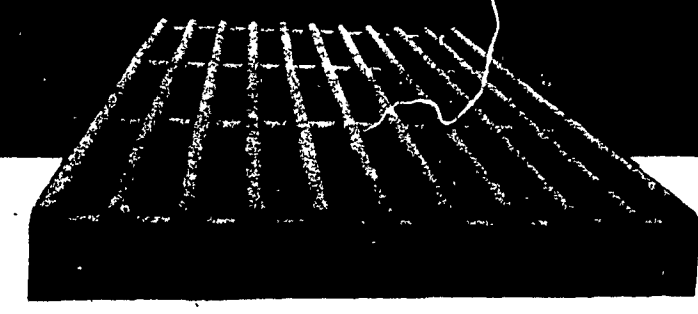

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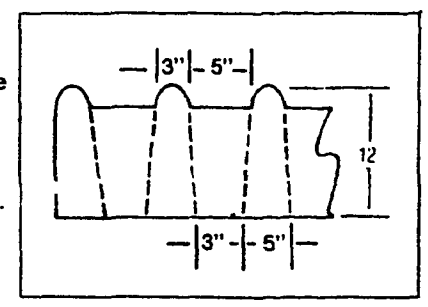

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Pa., Md., Del. 4-H'ers win at national competition

BY DEBBIE KOONTZ

LANCASTER — Six Pennsylvania, seven Maryland and two Delaware 4-H'ers who have compiled outstanding records in their 4-H project work were named national winners at the annual National 4-H Congress held in Chicago this past week.

Winners from these three states and a short biography on each, are listed below.

With the theme, "4-H Pathways to the Future," the week-long educational program featured workshops, assemblies, field trips, recognition dinners and demonstrations for the more than 1,700 students who attended. The 4-H'ers hailed from every state, the District of Columbia and Puerto Rico.

Throughout the week, 279 scholarships, totalling $259,000 in educational grants, were awarded in some 40 4-H project areas.

To be able to qualify for national competition, 4-H'ers must first capture a state title in one of almost 40 projects available.

During the week, 4-H'ers had opportunity to visit the Chicago Board of Trade, the Sears Tower, Chicago Mercantile Exchange, Chicago Tribune, Chicago City Hall, Federal Reserve Bank of Chicago, Chicago Fire Academy, International Academy of Merchandising and Design, and Playskool, Inc.

Winners from the three states are:

Pa. boasts 6 winners

LANCASTER — An 18-year-old Pennsylvania youth, Don Bishop, R2, Homer City, received a $1,000 scholarship from Friends of Thomas E. Wilson at the 61st National 4-H Congress for the 4-H swine project.

Bishop, son of Mr. and Mrs. Robert Bishop, is a freshman at Indiana University of Pennsylvania and plans a career in business administration.

The Indiana County youth has saved profits from his swine project, selling feeder pigs in the spring and fall, and is using these to help finance his college education.

The 10-year 4-H'er started his swine project in 1974 with a Yorkshire barrow and the next year bought a pair of Chester Whites. The following year he bought a pair of Duroc barrows. Then he bought a gilt from his brother and began his swine herd.

He showed the reserve champion lightweight hogs at the 1981 state farm show. Last year he was also awarded the Pennsylvania Pork Producers Council 4-H Swine Production Award.

Don Bishop

"I enjoy my swine project the most of all of my 4-H projects," he said. "In my swine project, I have the chance to raise my own show hogs."

Bishop has had hardships, as well as triumphs, in raising swine. Last year one of his gilts became ill and died a few days later. "We were able to save three pigs out of a litter of 10," he said. "I had to nurse them by bottle but all three of the pigs later died."

Marybeth Cline

LANCASTER — An 18-year-old Pennsylvania girl, who conducted a genetic weight gain study on Muscovy ducks, has been named a winner of a $500 4-H agricultural careers scholarship.

Marybeth Cline, R1, Monongahela, was one of four young people to receive these awards from DeKalb AgResearch, Inc.

During Congress, the four winners will visit DeKalb AgResearch, Inc.'s headquarters in DeKalb, Ill., to tour facilities used in research and development of seed corn, swine and poultry.

Cline, daughter of Mr. and Mrs. James W. Cline, is a freshman at Hiram college, Hiram, Ohio, and plans a career in veterinary medicine.

The Allegheny County girl also studied genetics and breeding in her 4-H dog project. "I have done studies in canine hip dysplasia and rage syndrome and am presently studying dog behavior," she said.

The 11-year 4-H'er has raised and shown beef animals. Last year she bought a registered Dorset ram and two crossbred and won the county 4-H sheep production award.

She has ridden to honors in the horse program on her Arab gelding. She has worked parttime for a local veterinarian.

Michelle Noll

LANCASTER — A 19-year-old Pennsylvania girl, who planted trees at two parks and led other young people in picking up litter along roads, has been named one of nine national winners in the 4-H achievement program.

Michelle Noll, Lebanon, received a $1,000 scholarship during the 61st National 4-H Congress in Chicago.

Noll, daughter of Mr. and Mrs. Melvin Noll, is a sophomore at the Thompson Institute, Harrisburg, Pa., and plans a career as a computer operator or programmer.

The Lebanon County girl has excelled in the 4-H horticulture project, so planting trees in local parks and making roadsides more attractive was a natural for her. She was a member of the first-place 4-H state horticulture judging team in 1979 and attended the National Junior Horticultural Association convention in St. Louis, Mo.

Her flowers and vegetables have won dozens of awards and she won the county 4-H gardening award for the past four years. She has coached the county potato judging team for the past two years.

Her "most rewarding" experiences in 4-H have been in leading others. The 10-year 4-H'er has also been a leader in the county 4-H Teen Council. She worked her way up to being a member of the state 4-H Leadership Council after starting out as a delegate. She also was selected to attend 1982 "Citizenship Washington Focus" in the nation's capital.

Susan Norman

(Turn to Page B21)

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4-H'ers win at nationals

(Continued from Page B21)

LANCASTER — Susan Norman, 1, Liberty, received a $1,000 scholarship during the 61st National 4-H Congress in the 4-H home management program.

Norman, daughter of Mr. and Mrs. Ernest P. Norman, is a sophomore at Penn State and plans a career in teaching. She is a 10-year 4-H'er.

The Tioga County girl was able to manage the family home despite involvement in many other activities.

Time management is something she had to work hard at. Living on a farm with a large family, there is always something to be done. She organizes equipment and ingredients before sewing or cooking to avoid wasting time looking for things once she has started.

"Managing a home in our changing society and economy is a challenge to say the least," she said. "Americans need to stretch their income to obtain the commodities they need and want."

"Sewing, cooking and gardening skills can extend my resources, while good management can free time and money for other needs and wants."

She has served as a junior leader and is now active in the Collegiate 4-H Club at Penn State.

Jodie Slatton

LANCASTER — A 19-year-old Pennsylvania girl, whose 4-H public speaking experiences led her to decide on a theatrical career, has been named one of six national winners in the 4-H public speaking program.

Jodie Slatton, Gibsonia, received a $1,000 scholarship from Union Oil Company of California.

Slatton, daughter of Mr. and Mrs. Stephen H. Slatton, is a sophomore at Northwestern University, Evanston, Ill., where she is studying for a career in opera, musical theater or drama.

The Allegheny County girl was "nervous and shy" when she gave her first 4-H speech and thought she would never complete it. "But I did and the effects were devastating," she said. "My family and friends haven't been able to shut me up since."

"Those early days of training in speaking in front of people had a strong influence on my life," she added.

"I want to be a character actress. When I think back to how I dreaded that first speech, I think it is pretty humorous. The only thing I dread now is that I won't get to perform.

Slatton plans to join Northwestern's debate team and the Toastmasters organization. She has appeared in a number of dramatic productions and has assisted younger 4-H'ers as a junior leader.

Denise Simpson

LANCASTER — An 18-year-old Pennsylvania girl, who traveled to Denmark in a 4-H exchange program, has been named one of nine national winners in the 4-H citizenship program.

Denise Simpson, R2, Lawrenceville, received a $1,000 scholarship from The Coca-Cola Company.

Simpson, daughter of Mr. and Mrs. Durwood Schriner, is a freshman at Susquehanna University, Selinsgrove, and plans to become a music teacher. She is an eight-year 4-H'er.

During two trips to the state capital, the Tioga County girl met with legislators and visited the office of the state Commission for Women.

At the state Department of Education, she voiced her opinion against decreasing state grants for education and on distribution of federal educational grants.

She also was among a small group of 4-H'ers given special permission to take a grand tour of the state Capitol building, where they were led into the Senate library, caucus rooms and onto the floor of the House itself.

Before journeying to Denmark as an International 4-H Youth Exchange ambassador, she learned as much as she could about Danish people, society, government, youth programs and religions. "Now I know what it really means to be a United States citizen, appreciating what you have here in America, and gaining deeper respect for other cultures," she said upon her return.

Simpson has served as a volunteer candy striper in a local hospital, a volunteer teacher's aide in an elementary school for the mentally handicapped and a 4-H junior leader.

Seven 4-H'ers hail from Md.

BALTIMORE, Md. — A 17-year-old Maryland youth, who has decided to keep only high butter fat testing animals in his expanding dairy herd, has been named one of six national winners in the 4-H agricultural program.

Donald Anderson, White Hall, Md., received a $1,000 scholarship during the 61st National 4-H Congress.

Donald Anderson

Anderson, son of Mr. and Mrs. Carl E. Anderson Sr., is a high school senior and plans a career in agriculture.

With the current excess milk problem, the Baltimore County youth believes there will be a high demand only for high fat testing animals in the future. The eight-year 4-H'er currently has 15 cows and 11 heifers.

He show shis Holsteins and Guernseys, but Holsteins "have a distinct advantage in production. Guernseys produce much less, but of a richer, higher protein milk. I have enlarged my Holstein herd while maintaining my Guernsey herd."

The youth holds down feed costs by using all homegrown forage and grains. Only a protein-vitamin-mineral supplement is purchased.

Anderson said that he plans to improve his breeding program by herd classification and use of individual sire summaries.

The youth has raised swine and last year marketed a total of 72 pigs. He plans to start a field crops project to increase quality and quantity of yields.

(Turn to Page B22)

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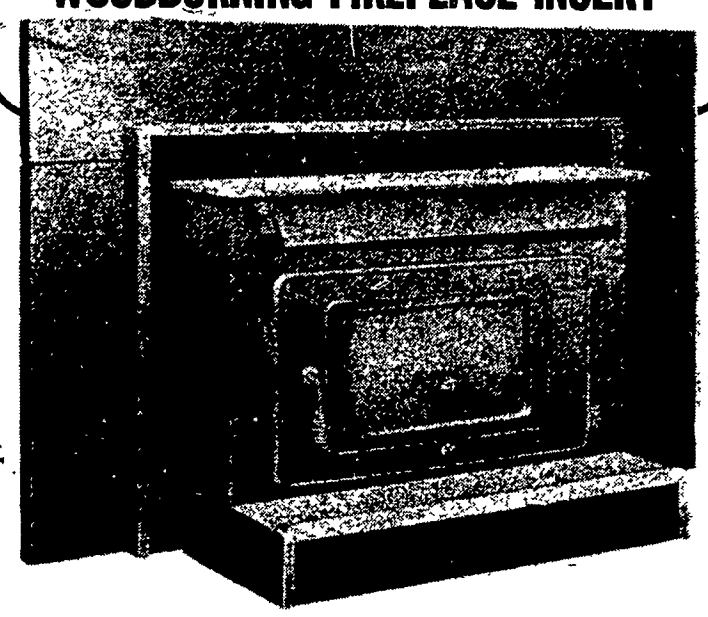

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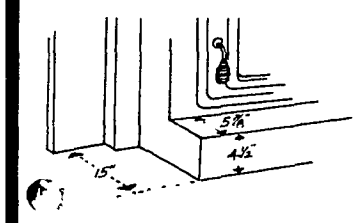

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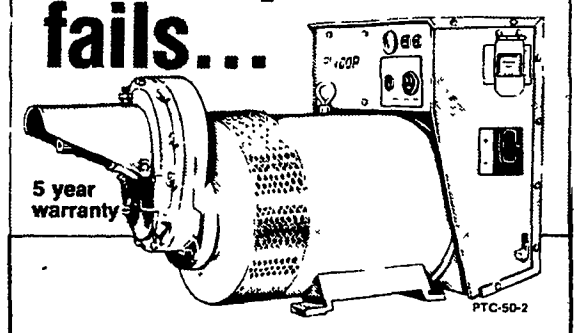

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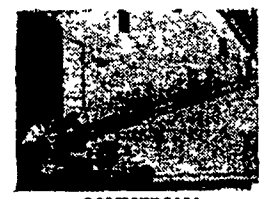

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4-H'ers win at nationals

(Continued from Page B21)

Anne Boyer

BALTIMORE, Md. — An 18-year-old Maryland girl, Anne Boyer, Walkersville, Md. received a $1,000 scholarship at the 61st National 4-H Congress.

Boyer, daughter of Mr. and Mrs. Howard N. Boyer, is a freshman at the University of Maryland and plans a career in interior decorating.

The Frederick County girl began her extensive restoration projects three years ago when the family moved onto a small, old farm, where the house and grounds needed a lot of work.

"The property had been rented for six or eight years and really had been neglected in every way," she said. "My bedroom was the worst of all rooms and so got first attention. It has one wall with water leaks, a sloping floor, peeling wallpaper and no closet."

She gave her room a "Williamsburg look," using profits from her 4-H market lamb to pay for a new rug. She made off-white lined drapes with a brown ribbon trim to blend in with her wallpaper.

Next, she moved onto the guest-sewing room and chose a "Williamsburg" reproduction wallpaper and color coordinating paint. "The braided rug pulls all the colors in the room together," she said. "I used curtains from our old house so I saved money by altering and recycling them."

The 4-H'er then moved on to the bathroom, where she used a vinyl wallpaper with a small print to give the room a new look.

For the old stone smokehouse she ripped off what was left of the old roof for starters. She chose a roof plan out of a Williamsburg book that included cedar shake shingles.

Amy Fleming

BALTIMORE, Md. — Amy Fleming, 17, Hampstead, Md., received a $1,000 scholarship at the 61st Natonal 4-H Congress.

Fleming, daughter of Mr. and Mrs. George Fleming, is a high school junior and plans a career in fashion merchandising. She is a seven-year 4-H'er.

The Carroll County girl was selected to lead the sewing workshops by her county home economics Extension agent. To supplement the program, she completed a series of displays. One included examples of seam finishes and types of hems. She later used the same display at the county and state fairs.

Fleming used her experience in competing at county and state fairs, along with clerking in the clothing department of a local store to conduct an all-day workshop on clothing exhibits.

She made a display of clothing styles for 4-H members to experiment with, to learn how the wrong clothing choices will affect their appearance. "In putting it together, I learned several new ideas on fashion proportions and choosing the appropriate outfit," she said.

She also organized a county workshop to teach 80 fashion revue participants to model and was superintendent of the 1982 county fashion revue. She enjoyed working with one frightened girl in particular. "She walked stiffly and with a frown," she said. "I helped her develop a routine and watched over her as she practiced until she felt secure and at ease." The girl was awarded a blue ribbon.

Annette Heiser

BALTIMORE, MD — An 18-year-old Maryland girl, who broke a horse and turned it into a first winner at state fair, has been named one of six national winners in the 4-H horse program.

Annette Heiser, Fallston, Md. received a $1,000 scholarship during the 61st National 4-H Congress.

Heiser, daughter of Mr. and Mrs. James R. Heiser, is a high school senior and plans a career in industrial or civil engineering. She is an eight-year 4-H'er.

The Harford County girl broke and trained "Francy," a gorgeous chestnut with a mind of her own. She turned out to be quite a challenge. Having been in a pasture for four years untouched, she wasn't about to be broken easily."

"It took a concentrated effort and a lot of hard work to transform her from a bucking, stubborn mare into a fine show animal. By the end of our first year together, she was regularly taking championships in her division and even took a first at state fair."

In 1981 Heiser won the Maryland State Horsemanship Contest and was awarded a quarter horse foal, which was named Bubba. "Caring for and training a young colt has added still another dimension to my education," she added.

Heiser was asked to show animals on the American circuit last summer by a woman horse trainer and rode them to many honors. The 4-H'er was top individual in the 1979 state 4-H horse judging contest. She was also a member of the 4-H horse bowl team that won best-in-state honors in 1982. She is a junior leader and aids younger 4-H'ers with their horse projects.

Jerry Murphy

BALTIMORE, Md. — An 18-year-old Maryland youth, Jerry Murphy, Ijamsville, Md., received a $1,000 scholarship at the 61st National 4-H Congress.

Selected by the Extension Service, winners were presented their awards by The Firestone Tire & Rubber Company.

Murphy, son of Mr. and Mrs. Harry A. Murphy, graduated from high school in 1981 and is engaged in a farming partnership with his parents on the family's 200-acre farm in Frederick County.

The nine-year 4-H'er said his interest in the automotive program really shot up when he purchased his Camaro in 1980.

When somebody hit his auto, causing a minor dent and leaving green paint on it, he was able to pound out the dent and remove the paint with rubbing compound.

The youth has also been maintaining a 1972 pickup, a 1975 Nova, a 1976 Nova and a 1979 Camaro, all of which belong to his sisters. He said that his work saves them money and the inconvenience of dropping off their cars at a garage.

Murphy plans to set up his own shop on the farm where he can work more easily on cars and tractors. He recently purchased an air compressor he can use to paint vehicles.

(Turn to Page B23)

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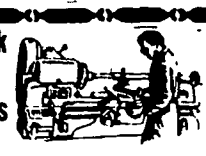

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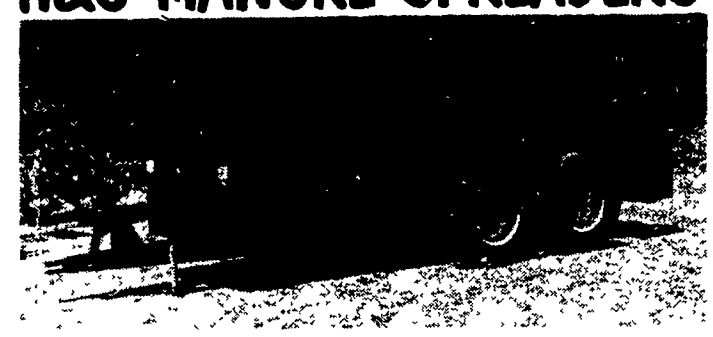
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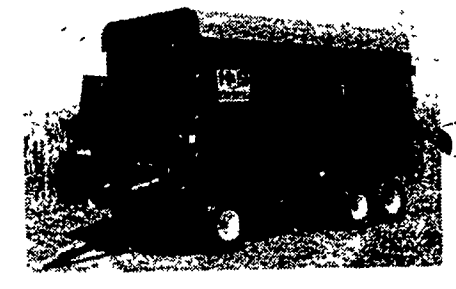
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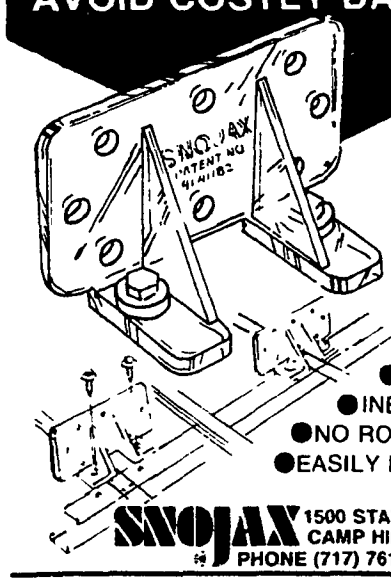
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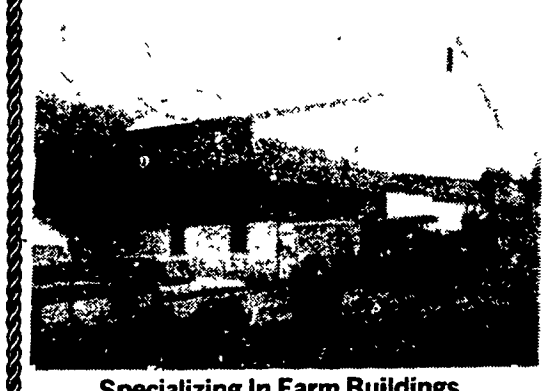
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4-H'ers win at nationals

(Continued from Page B22)

Sheri Webb

BALTIMORE, MD — Seventeen-year-old Sheri Webb, Woodbine, Md. received a $1,000 scholarship at the 4-H Congress.

Webb, daughter of Mr. and Mrs. Roy Webb, is a high school senior and plans a career as a veterinarian. She is a nine-year 4-H'er.

The Howard County girl first took part in canning at the age of four, when she broke up string beans for her mother. As she grew older she wanted to learn more about good preservation.

"First I learned how to use equipment safely," she said. "Food spoilage and botulism was another topic I learned about. I also used my canned products to increase the nutritional value of family meals."

She said she quickly discovered that fruits and vegetables from her garden that she canned were of a higher quality than the canned foods in stores.

Webb decided earlier this year to pass on to others what she knew about canning. She began with her little cousin, Billy, and showed him how to fancy-pack string beans. He won third place on them at state fair.

She later presented canning and freezing demonstrations to 4-H members, leaders and parents. She also attended a number of workshops on freezing.

However, she finds it more economical and energy efficient to can foods rather than to freeze them.

BALTIMORE, Md. — A 17-year-old Maryland girl, Barbara Wehrman, Baldwin, Md., received a $1,000 scholarship from Nabisco Brands, Inc.

Wehrman, daughter of Mr. and Mrs. William G. Wehrman, is a high school senior and plans a career in home economics. She is a seven-year 4-H'er.

Barbara Wehrman

The Baltimore County girl demonstrated her breadmaking techniques at the Maryland state fair. She not only taught people how to make bread, but also the importance of each ingredient.

"The job also taught me about running a business since I sold everything I made to cover expenses," she said.

She makes bread for family gatherings and gives it to relatives for Christmas and Easter presents. She baked cinnamon rolls for her grandparents' 51st and 52nd anniversary brunches.

One of her more satisfying bread activities was selling bread to buy resonator bells and new flags for her church.

Teaching younger 4-H'ers has been very rewarding too. She was especially proud of one member who was named junior breads champion at the Hereford Farm Fair.

(Turn to Page B24)

Farm Show approaching

HARRISBURG — Entry deadlines for the Pennsylvania State Farm Show have past for most livestock categories and are rapidly approaching for other departments.

Nov. 4 was the deadline for entries of horses, sheep, swine, beef cattle, poultry, dairy goats, and for the junior beef breeding and junior sheep breeding divisions of the junior livestock department. The State Farm Show Commission estimates that over 4,000 entries have been received for this year's livestock departments.

The deadline for the Junior Sheep Blocking and Grooming Contest is Dec. 10, 1982.

Producer and Quality Class egg entries must be filled out and sent in before Dec. 9, 1982, with all other egg classes due Jan. 9, 1983.

Jan. 8 is the deadline for the following Departments: wool, corn, small grains, tobacco, potatoes, fruit, edible nuts, vegetables, maple syrup products, individual apiary product exhibits, 4-H Entomology Club and home economics.

Jan. 9 is the dealine for dressed turkeys and christmas trees.

The 4-H Potato Grading and Identification entry forms must be sent in by Jan. 1.

This year's Farm Show premiums total $143,305.50 with livestock premiums amounting to $118,248. Crop premiums are $16,407 and the remaining premiums equal $8,650.50. this is a $16,000 increase over the 1982 premium totals.

"Potential exhibitors should send their entries soon, to eliminate disappointment of closed entries," says Agriculture Secretary Penrose Hallowell. For more information or premium lists, contact the Pennsylvania State Farm Show, P.O. Box 3362, Harrisburg, PA 17105; or call 717/787-2905.

The Pennsylvania Farm Show is sponsored by the Pennsylvania State Farm Products Show Commission in cooperation with the Pennsylvania Department of Agriculture.

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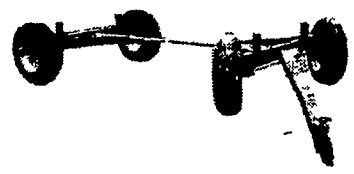

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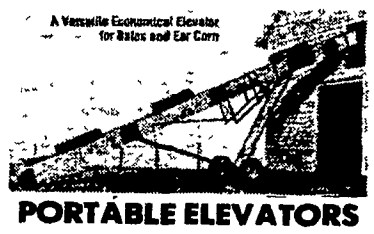

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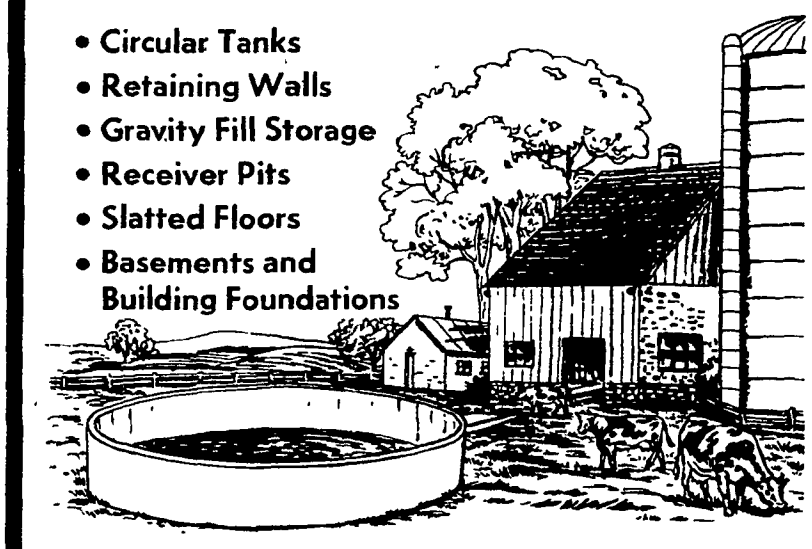

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Two Del. 4-H'ers win at nationals

(Continued from Page B23)

Susan Phillips

Terry Hinzman

DOVER, Del. — Susan Phillips, R3, Laurel, Del., received a $1,000 scholarship from Eastman Kodak Company, the program sponsor, in the photography program.

Phillips, daughter of Mr. and Mrs. Woodrow Phillips, is a high school senior and plans a career in communciations. She is a seven-year 4-H'er.

The Sussex County girl has covered community service projects, including a 4-H newspaper recycling event, for a local newspaper. "I learned how to write captions and label photographs," she said.

Her workshop on taking photos without a camera was held in conjunction with a weekend meeting for younger 4-H'ers. She placed objects on photographic paper and then exposed the object to light. After the photographic paper was developed, the paper remained white where the objects had been and turned black elsewhere. The 85 campers tried the procedure.

Last spring, she took photos of over 100 leaders and 4-H'ers at the state campfire dedication and also covered a tree-planting project at a local college.

Phillips conducted another workshop to teach young people how to operate four different types of cameras - pinhole, instamatic, one-step and 35 millimeter. In still another workshop, she demonstrated how to compose a good photo.

She has aided her high school yearbook staff members, teaching them how to roll film, mix chemicals and time for correct light exposure.

DOVER, Del. — A 16-year-old Delaware youth, who built an electric game to teach children how to be better consumers, has been named one of six national winners in the 4-H consumer education program.

Terry Hinzman, R2, Harrington, Del., received a $1,000 scholarship at the 61st National 4-H Congress.

Hinzman, son of Mr. and Mrs. William N. Hinzman, is a high school sophomore and plans a career in wildlife management. He is a seven-year 4-H'er.

The Kent county youth used the electric game to teach younger 4-H'ers and other children consumer terms, such as credit. The young people were challenged to match the term with the correct definition on the game board. "Correct answers closed an electric circuit and a light would flash on," the youth said.

Hinzman also put together a "buymanship" questionaire with questions to help families evaluate their consumer judgement.

The youth also used demonstrations to tell youngsters about inexpensive recreation opportunities and simple consumer skills, such as writing out a check.

Hinzman also made a giant map of Delaware and drew pictures of Delaware's major products on it.

The youth also used the knowledge he gained in his project for personal purchases. "I learned that higher prices don't always mean higher quality," he said. The youth operated his own business, selling household gift items, for a time.

'Devious' attempt made to stir boars' appetites

COLUMBIA, Mo. — Nothing stirs the male appetite like a little competition. In this case, we're talking food (feed), pigs (boars) and a somewhat devious attempt to boost pork production efficienty.

In the midst of this stirring saga is George Jesse, swine researcher at the University of Missouri-Columbia. Jesse already has scientific proof that bored pigs don't gain well. They need company and an occasional change of scenery to stimulate their appetites and thereby keep producting pork at a good rate.

Jesse would like to have farmers use only the most efficient-producing boars, but he's found fault in the current ways of testing this efficiency.

"Tested boars are now kept in pens of three," he explained. "Using that system, we can measure individual gain, but we only get 'pen' feed efficiency.

"We're doing a great injustice to the swine industry if we stop at pen efficiency. Let's say the pen efficiency figures out to 2.2 pounds of feed per every pound of gain, but the range within that pen could be anywhere from 1.8 to 2.6 pounds of feed per pound of gain.

"If the swine breeder is lucky enough to choose the best boar, he's okay. Otherwise, he won't continue to build pork production efficiency in her herd."

While Jesse doesn't like the pen testing program, he believes that testing boars individually won't work, either. That's because the lonely boar is usually a lackadaisical eater. He thrives on competition.

Jesse's plan, then, is to "individualize" the pen testing method by providing each boar with his own electronic ear tag that will open his own feeder.

"It works like an electronic garage door opener," Jesse explained. "Each boar's ear tag is equipped with its own frequency that opens only his own feeder.

"Meanwhile, he still has the opportunity of being hassled by his pen mates while he's 'free' at the other end to eat. He gets the feeling of competition while still having the freedom to eat."

In his test, Jesse has used four litter mate pairs to compare the standard pen testing program with his electronic headgate system. Then the pigs are switched after a time so that all pigs have tested under the different systems. Finally, he plans to test all the pigs in individual stalls to see if he is right about his competition theory.

Well, he's only completed one series of tests. And like a scientist, he will want to do some more.

But so far, Jesse's simulated competition system with its electronic gadgetry seems to be a darn good way of determining a boar's feed efficiency.

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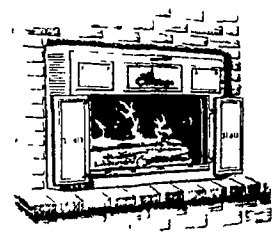
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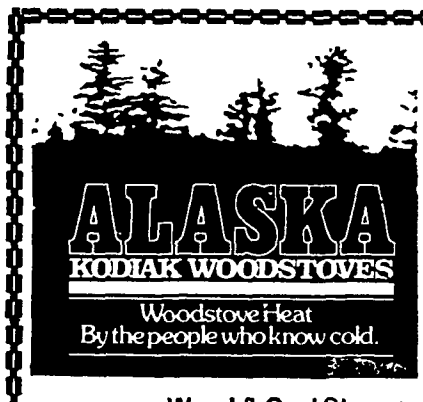

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Davidsburg 4-H honors members

The Davidsburg 4-H Club recently honored two of their most active 4-H'ers at award ceremonies in York. Lori Sue Gross, left, was named the Outstanding Rookie of the Year. She is the daughter of Dennis and Sharon Gross of York. Annett Shermyer, the daughter of William and Joan Shermyer, Dover, was named Outstanding 1982 member.

Onions are good buy now

WASHINGTON, D.C. — There's no time like the present to buy onions, now that plentiful supplies of good quality onions abound from a bumper harvest, says an official of the U.S. Department of Agriculture.

"You can't beat the price right now," says Donald Kuryloski, a fruit and vegetable marketing official of USDA's Agricultural Marketing Service. "And retail prices should continue to be attractive for several months. In many areas producers prices are half of what they were earlier this year."

Onions are a versatile vegetable, offering variety for many different dishes — ranging from soup to salad.

"When onions are boiled, baked or creamed in combination with other vegetables, they add a special flavor to meals," Kuryloski says. "Onions are low in calories but are highly nutritious and have many essential vitamins and minerals."

This year's onion storage crop is nearly 2.2 billion pounds, according to USDA's Crop Reporting Board. That's 11 percent more than last year's large crop.

Increased acreage as well as high yields contributed to the gain, with much larger crops than last year in such key producing states as Idaho, Oregon, Colorado, Washington and New York.

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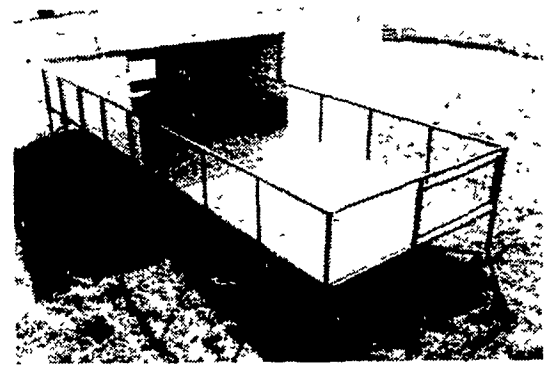

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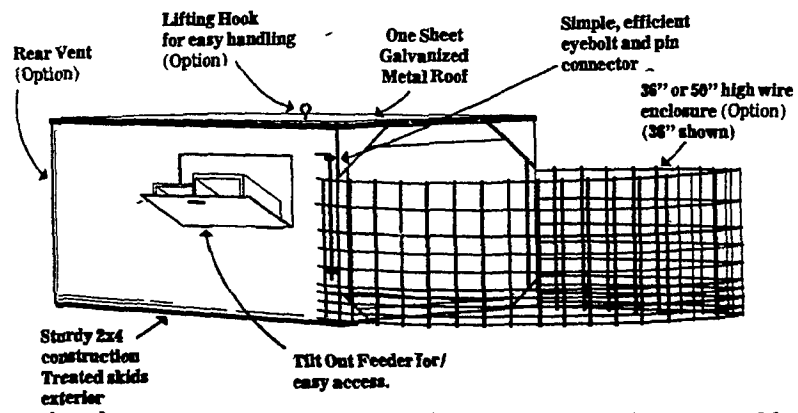
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Fluffy fleeces spur dual business for Siglers

BY JOYCE BUPP
Staff Correspondent

YORK — While this is a sheep story, it begins with an owl.

The owl was a wooly one, crafted of long, fluffy strands of sheep fleece. Sharon and Art Sigler, R22 York, purchased the wool whimsey a few years ago at a sheep-related event.

As wool producers, with a 125-ewe-flock of purebred, horned Dorsets, the Siglers have long admired crafts based on the fleece commodity, and frequently discussed trying their hands at the novel creations they saw at sheep and craft shows.

"Sharon's attempt at styling an owl was the first thing she tried. From there she went on to crafting wool mushrooms, and then turtles. She just seems to have a knack for working with them," says Sigler of his wife's creative talents.

Growing demand for such hand-crafted items has bloomed into a part-time business for the Siglers at their farm near Pleasureville. Home for their display is a small, wooden shed near the barn, appropriately dubbed "The Sheepy Shack." The one-room sales area offers an interesting, and growing, assortment of wool items.

Included in the line are hand-crafted gifts and collectibles designed by Sharon, as well as an assortment of fleeces in various natural, tipped and dyed shades.

Among the top small-item sellers, especially among youngsters, are adorable, soft, animal finger puppets and a fluffy, long-haired worm that arches itself, or "inches," when stroked.

Miniature sheep figures, crafted to represent the various breeds, have proven to be big among purebred sheep breeders. Sharon finds it hard to keep up with demand for these breed miniatures, which are popular in a design using them as a focal point of a circular wall hanging. At the Christmas season, many also find their way into nativity sets.

The Sheepy Shack handles one hard-to-find craft material, wool batting for use in wool comforters, one of the warmest and most durable of bedcoverings.

Custom-designed, hand-sewn rugs, with long, fluffy fleece, beckon customers to wiggle bare toes into the deep fibers, and few visitors can resist the impulse to run their fingers through the warm, softness of the attractive floor accent pieces.

Also popular are bedroom slippers, styled with the fleece to the inside for warmth. Slippers are among the wool items purchased in from outside suppliers. Automobile seat and steering wheel covers are available, and Art hopes to soon include both sheepwool vests and jackets.

Since the hobby-business began in earnest about a year ago, the couple has displayed their wool items at numerous craft and sheep shows, including the recent Keystone International Livestock Exposition.

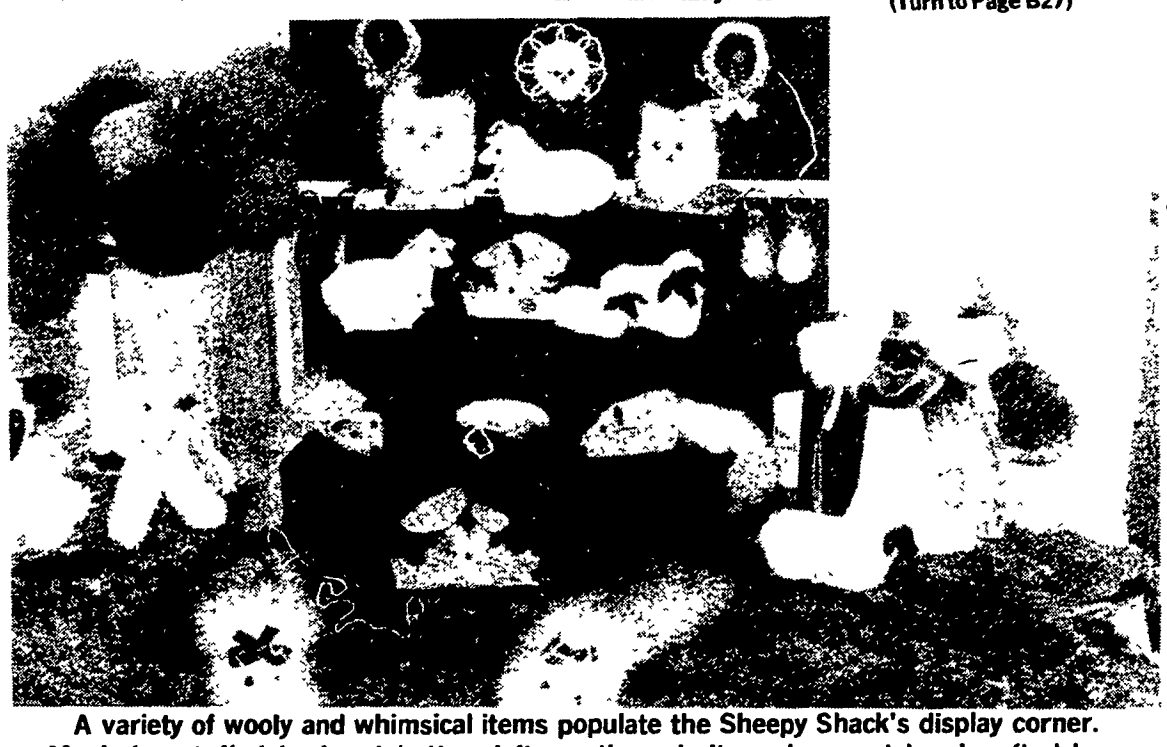
Art pencils the pattern lay-outs on the skins, and does the actual cutting, using a special fine-bladed craft knife. He also works most of the rug stitching, taking about 90 minutes to fasten the inlays of contrasting color to a fleece, using sturdy thread to sew the thick skin.

"But it takes a special talent to know just how to work the fleece to make the wool do what it's supposed to do to make the craft items, like the owls look right, and Sharon has that ability," he credits.

One regret of the Siglers is that they are unable to produce enough skins for the craft raw materials from the flock that roams the nearby pasture. By the sides of many of these ewes, even in late fall, are newborn lambs.

(Turn to Page B27)

Each of the luxuriously soft fleece rugs designed by the Siglers takes about one and one-half fleeces to make. Using skins of contrasting shades, Art patterns each creation with its own stylized design.



A variety of wooly and whimsical items populate the Sheepy Shack's display corner. Music box-stuffed lambs at bottom left are the only items here not hand-crafted by Sharon Sigler. Among her creations are fluffy inch worms, wooly mushrooms, mouse finger puppets, turtles, owls, tree ornaments, pom-pom flowers and miniature stuffed sheep now finding popularity in holiday nativity sets.

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Fluffy fleeces spur business

(Continued from Page B26)

Their ability to lamb twice yearly, makes the Dorset breed especially attractive to commercial shepherds. But more commercial wool producers opt for the polled breed, prefering to avoid the interesting and attractively-curled horn.

Horned Dorsets, according to Sigler, originated in England, and in his opinion are the "only true breed." Most other breeds, he adds, have been developed through generations of crossbreeding. To avoid raising offspring with a tendency toward "tight" horns, curled too closely to the face, Sigler is careful to use "open" stock.

While the Sigler flock has newborn lambs from September through May, late fall and late winter see the heaviest lambing periods. A sturdy breed, the Dorset ewes seem to need little assistance at birth.

Selected lambs are marketed to other breeders and through the York County sheep field day sale held annually in May. Those not meeting breeding stock criteria are raised as market lambs, and sold between 80 to 100 pounds of weight through area stockyards.

Art's interest in the horned Dorset breed began in 1954, when his father purchased ten purebreds to keep the grass trimmed on the Sigler family's turkey-production farm. Sharon, a daughter of the long-time sheep breeder and exhibitor Flory family of Red Lion, raised Hampshire market lambs for project animals.

Their ten-year-old daughter Sherry continues the family's 4-H interest, raising market lambs from the flock. The Sigler's also have two younger sons, Michael, 6, and Kevin, age 3.

Distinctive for their unique curling horns, the horned Dorset flock of the Art Sigler family represents a dwindling breed of sheep, since many commercial producers prefer the polled type. The Dorset characteristic of lambing twice a year, however, offers an economic incentive to breeders of these purebreds.

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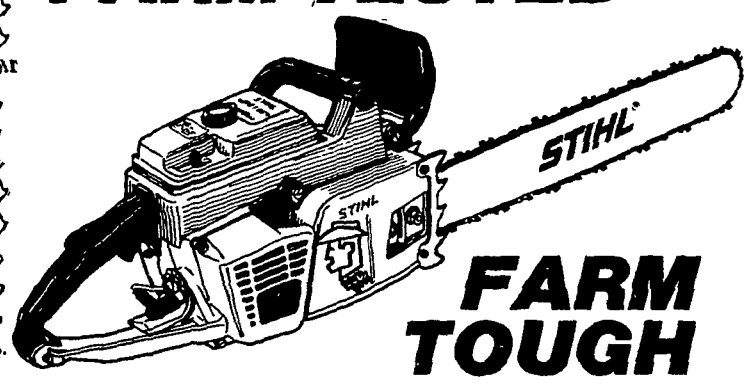

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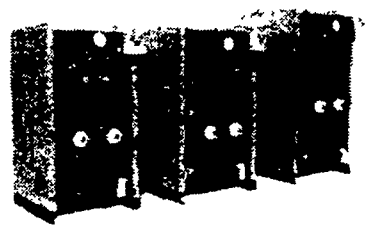

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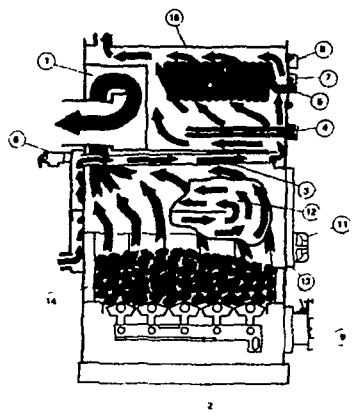

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Block names farmer to head soybean research advisors

WASHINGTON, D.C. — Patrick J. Quinn, a soybean farmer from Monterery, La., has been named chairman of the Soybean Research Advisory Institute by Secretary of Agriculture John R. Block.

Quinn will chair the group's first meeting Dec. 17 at the U.S. Department of Agriculture.

Congress established the advisory institute under a section of the 1981 farm bill. Its purpose is to assess the effectiveness of soybean research in the United States and to evaluate the potential for increasing soybean production in the years ahead.

Quinn said a comprehensive report on soybean production and utilization will be submitted to Congress by March 1.

A director of the American Soybean Association, Quinn is one of 11 members Block named to the advisory group. The group includes soybean producers, research experts from land grant universities and federal agencies and representatives of private industry.

Other members are Billy E. Caldwell, head, department of crop science, North Carolina State University; Michael F. Campbell, manager, protein products development, A.E. Staley Co., Decatur, Ill.; Harry B. Collins, director, soybean research, Delta and Pine Land Co., Scott, Miss.; Duane D. Hacklander, fibers and oils research, USDA's Economic Research Service, Washington, D.C.; Edgar E. Hartwig, research agronomist, USDA's Agricultural Research Service, Stoneville, Miss.; John E. Heilman, vice president-engineering, world processing division, Continental Grain Co., New York, N.Y.

Also, Werner L. Nelson, senior vice president, Potash and Phosphate Institute, West Lafayette, Ind.; John F. Sharp, G & S Farms, Grand Bay, Ala.; Keith J. Smith, research director, American Soybean Association, St. Louis, Mo.; Leamon D. Williams, vice president-research, Central Soya Co., Inc., Fort Wayne, Ind.

Robert C. Leffel, national research program leader responsible for breeding and production of soybeans in the USDA's Agricultural Research Service, is the advisory institute's executive secretary.

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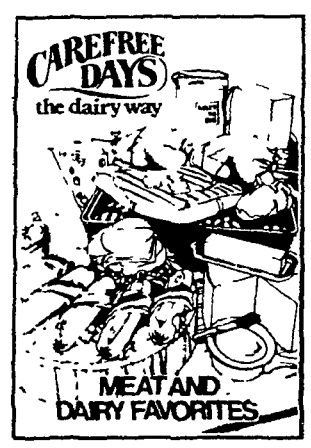

Manganese key to egg shell strength

UNIVERSITY PARK, Pa. — Ask Roland Leach how important manganese is to a hen's diet, and he'll tell you it can help make or break an egg.

Leach, professor of poultry science at Penn State, has found that hens deprived of manganese produce weak, malformed eggshells.

"What we feed a hen plays a role in the development of its eggshell," he says. "Our long-term goal is to make a stronger and thicker shell."

Five percent of the eggs laid in the U.S., Leach points out, break before reaching the market. In some cases, breakage can be as high as 10 percent.

In 1981, broken eggshells cost the nation's poultry industry more than $200 million at the wholesale level. The loss was $13 million in Pennsylvania alone.

To reduce those numbers, Leach has been studying how various trace minerals affect the eggs that hens lay. Recently, in a 40-week study involving two groups of 20 hens each, he concentrated on the effect of manganese.

One group's feed contained manganese in very small amounts. The other group received no manganese.

"The group that was deprived of manganese began to show symptoms in 12 to 15 weeks, Leach reports. "The shells were thinner and weaker, and there were dramatic alterations in the shell structure."

Specifically, he found that there was a 10-percent reduction in shell thickness. Shell strength — calculated by a device that drops small metal pellets from various heights on the egg — was reduced 24 percent.

The shell of an egg is 90 percent calcium carbonate (limestone) and 10 percent organic matrix (organic matter). These substances combine to form finger-shaped crystals.

Using a scanning electron microscope, Leach detected significant structural changes in the shells of manganese-deficient hens.

The crystals in the shell were enlarged, and fewer of them occupied given areas. Overall, these shells were pockmarked and translucent.

"After 40 weeks, the manganese-deficient hens were laying eggs without shells," Leach says. "All that remained was a thin membrane coating."

Manganese, he explains, plays an important role in the synthesis of connective tissues in both humans and animals.

He states his findings will be of use in diagnosing the cause of abnormalities in eggshells.

"We're learning the basics about how the shell structure varies," Leach says. The researchers hope, he said, "to develop the best structure possible."

Good corn prevents vitamin shortage in swine

COLUMBIA, Mo. — Missouri scientists figure that a good quality corn ration is all sows need to prevent a vitamin deficiency which could cause everything from lameness to fewer pigs born alive.

If the sows don't get the good corn, the only other choices for the hog producer are expensive supplements—or turning the pigs outside so they can root.

Ross Hamilton and Trygve Veum, University of Missouri-Columbia swine researchers, just completed a study that showed sows fed a corn-soybean diet were getting all the biotin they needed and then some. In fact, they were getting 170 percent of their daily requirement of biotin, a water soluble B vitamin.

"These findings were somewhat different than those by other scientists," Hamilton said.

"We think the difference is the corn. Biotin is variable in its availability from one feed source to another.

"Its availability is particularly low in sorghum and wheat."

The pigs usually get all the biotin they need through rooting and foraging outside. But the deficiency has become a major problem among swine producers as more and more animals are raised in confinement.

Animals with biotin deficiency will have cracks in their toes, their heels will tend to erode, and they will just generally go unsound. They'll experience hair loss and skin irritations. Fewer pigs will be born alive from sows with biotin deficiency, and they will go a longer time between weaning and rebreeding. "We can only tell producers to try to feed good corn and watch for symtoms of biotin deficiency." Vium said.

Fall ram lamb test possible

STATE COLLEGE — In response to Pennsylvania sheep breeders' requests for a special ram lamb test for fall lambs, the Meat Animal Evaluation Center's Executive Committee has adopted the following policies:

"Beginning with the 1983 Yearling Ram Test, one pen will be set aside for fall-born lambs if the minimum number of 10-12 is met.

"To be eligible, these ram lambs must have been born between Sept. 1, 1982 and Nov. 15, 1982."

All fall lamb nominations must be received by the Meat Animal Evaluation Committee by Dec. 10. More information will be sent out by the Center if the required number of lambs are entered; or a notification will be sent if there is not enough interest to have a fall lamb test.

Director Robert Kimble reports that nomination acceptance will be the same as it is for the Yearling Rams and for the regular Ram Lamb test. Nomination fee per ram is $10. Checks should be made payable to PSWGA Ram Testing Fund. Send to Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16801; for more information, call 814/238-2527.

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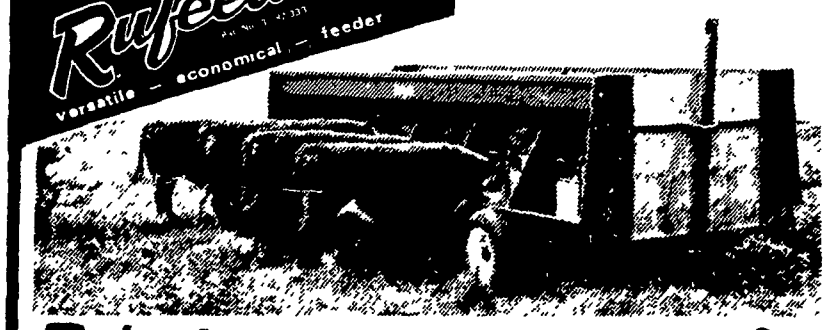
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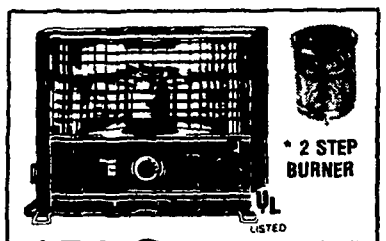
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low setting	6,600	9 500
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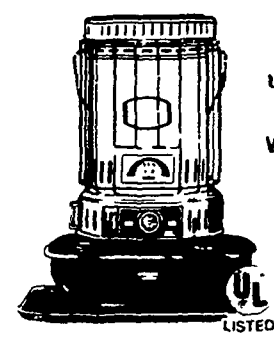
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Auto. Igniter & Shut Off
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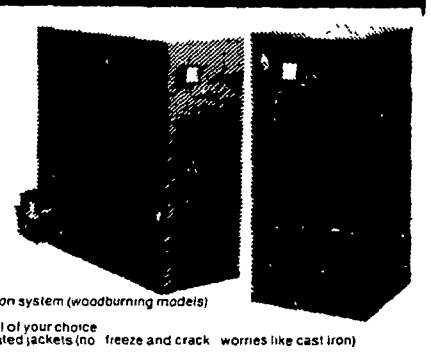
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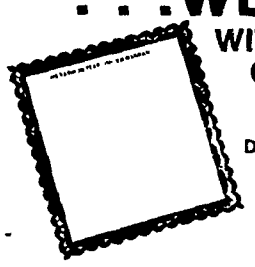
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Lower feed costs keep hog producers in "black"

WASHINGTON, D.C. —. Despite the October drop in hog prices, producers continue to make a profit. Feed costs have fallen sharply, and other costs have risen only slightly. However, current data suggest that producers are not increasing the breeding herd, reports Leland Southard with USDA's Economic Research Service.

The lack of expansion reflects the need to sell gilts for cash flow to reduce debts and finance current operations. Since most hog producers also produce corn, they need additional funds for harvesting expenses in the fall. Therefore, producers are not expected to begin rebuilding the breeding herd until after the corn harvest ends in late November, he notes.

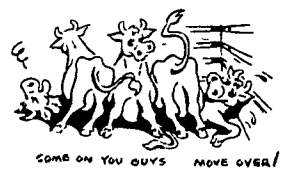
Commercial pork production for the third quarter totaled 3,239 million pounds, down 11 percent from last year. The lower production, along with smaller frozen supplies, brought about higher prices. Barrow and gilt prices at the seven markets averaged $61.99 per cwt, 23 percent above last year and a record high.

Fourth-quarter slaughter will be drawn largely from the Sept. 1 inventory of hogs weighing 60 to 179 pounds, which was down 12 percent from a year ago in the 10 quarterly reporting states. Last year producers were liquidating the breeding herd, but they may begin rebuilding it this year.

Herd rebuilding may further diminish the number of hogs available for market. Also, inventories probably declined more in the nonreporting states than in the reporting states. So, commercial slaughter may drop 17 to 19 percent from last year.

Hog prices may average $58 to $60 per cwt during the fourth quarter. In October, prices averaged about $57 per cwt. Prices should strengthen in November and December as production declines seasonally.

Commercial slaughter in the first quarter of 1983 is drawn mostly from the Sept. 1 inventory of hogs weighing under 60 pounds, which was also 12 percent below last year, when harsh weather further reduced marketings. Hog prices are expected to average $58 to $62 per cwt this winter, Southard projects.



NEED MORE ROOM? Read The Classified Real Estate Ads

Pakistan receives blended credit

WASHINGTON, D.C. — Blended credit of $25 million has been approved for the sale of U.S. vegetable oil and soybean meal to Pakistan, Under Secretary of agriculture Seeley G. Lodwick announced last week.

At the same time, he said, approval was given for $60 million in guarantees under the regular export credit guarantee program for the purchase of vegetable oil.

Lodwick noted that Pakistan had earlier been allocated $50 million under the Public Law 480 concessional sales program. This credit and the $60 million in regular credit guarantees will enable it to buy an estimate 220,000 tons of U.S. vegetable oil, about the same amount as it bought last year. The blended credit will permit additional purchases.

He said the blended credit package was offered to finance Pakistan's purchase from private U.S. exporters of 33,000 metric tons of oil and 52,000 tons of meal for delivery in the current fiscal year.

"This represents new business over earlier expectations," Lodwick said. "It will boost our share of Pakistan's oil market to 253,000 tons, almost 50 percent, and it will put 52,000 tons of U.S. soybean meal into a market that had been pegged at zero before this new credit package became available."

This is the fifth blended credit allocation approved since the 3-year, $1.5 billion program of reduced interest rates for U.S. agricultural exports was announced Oct. 20. Others were for sales to Morocco, Egypt, Yugoslavia and the Philippines.

The first $500 million under the program was made available for fiscal year 1983. The reduced interest rate is being achieved by blending $100 million of interest-free direct government credit with about $400 million of government guarantees for financing made at commercial rates by private financial institutions.

The blended credit package for Pakistan earmarks $15 million to be used for vegetable oil imports and $10 million for soybean meal. The allocation for vegetable oil is $3 million of direct credit and $12 million in credit guarantees, and that for soybean meal is $2 million direct, and $8 million in guarantees.

This brings the total direct credit allocations under the program to $75 million and credit guarantees to $300 million for a total of $375 million.

Both the blended credit package and the credit guarantees for sales to Pakistan provide for credits up to two years. The guarantee rates include a fee to provide for a yearly interest rate coverage of up to 8 percent on the guaranteed value, not to exceed 98 percent of the port value. Pakistani guarantors will be Habib Bank and/or other eligible banks.

Based on semiannual repayments of principal, plus the accrued interest, the fee rate is 15.6 cents per $100 for six months; 23.4 cents per $100 for one year, and 39.3 cents per $100 for two years.

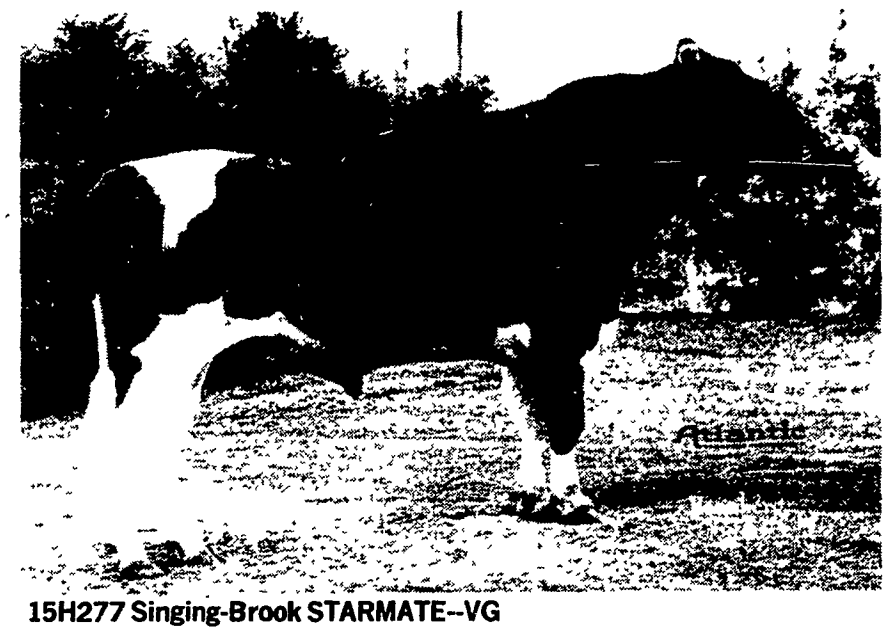
Based on equal repayments of principal, plus accrued interest, the fee rate is 32.9 cents per $100 for one year, and 50.1 cents per $100 for two years. Commodities must be shipped by Sept. 30.

Park cars with care

HARRISBURG — Hunters are urged by the Game Commission to be considerate and thoughtful when driving or parking vehicles during the upcoming deer seasons.

A driver who partially pulls off the road to watch game not only irritates, but also endangers, others.

Those who drive along a road slowly, looking for a good place to hunt, perhaps stopping the vehicle on the road, are a hazard. And one who gets stuck in the mud or snow, and just leaves the vehicle wherever it happens to be because it is "time" to go hunting, is most inconsiderate of others.



15H277 Singing-Brook STARMATE--VG

Stormate shines in test and physical traits

★ PD test +.17%

Production: USDA Summary (July/82)

41D in 34H(1 Eff. D/H)		16,789M	3.9%	660F
Pred. Dif.(63% rpt.)	+$156	+858M	+.17%	+56F

HFA (7/82)--12 Daus. Cl. 77.4(act.) 80.0(a-a); -.40 PDT (48% rpt.)

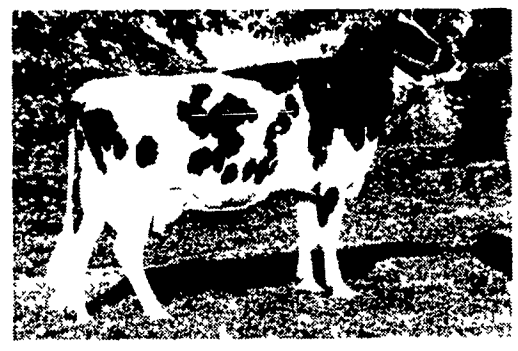
★ dairyness

★ well-attached udders

Dau.: Melody-Lawn Starmate Eeta--GP(84)
2-4y 360d 2X 18,416M 4.2% 766F

★ wide, level rumps

★ open ribbing



Dau.: Peaceful-Grove Starmate Cherry

2-2y	322d	2X	13,752M	4.2%	579F
3-2y	131d	2X	10,650M	4.8%	511F
	305d-proj.		17,884M		835F

★ high, wide rear udders

★ stature with body depth

15H277 Starmate is one of today's top Holstein sires for improving test. And his July/82 USDA test PD of +.17% is much higher than his Jan./82 PD of +.10%! He's a Roybrook Starlite son and his dam is an "Excellent" Astronaut with five records over 20,000M. Available through daily Professional Technician service and Direct-Herd sales, 15H277 Starmate is a good buy for profitable quality genetics.

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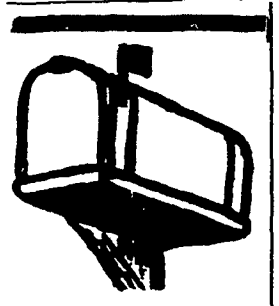

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Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience; all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.

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No Phone Calls Please

For Sale - 1972 Ford ¾ ton farm truck $300.00 (Lycoming Cty), firewood/V-cut $20.00/cord or lump sum. Northampton Cty. 717-546-8944

For Sale - AC - B power unit, will sell parts off AC, WD and CA. 48 Dodge $600.00 Lebanon Co. 717-865-6860

Wanted - Used AC farmhand, Oppel Potato harvesters Kent Co. MD 301-928-3253

MAILBOX MARKET

For Sale - 1966 Ford Cabover tank truck 3500 gallon tank with four compartments. Tank two years old, 703-672-2578

Wanted - Good plastic mulch layer, and 1 row transplanter. H.M. Davis 814-583-7322 RD Rochton, Pa. 15856

For Sale - White 2-70 Field Bass, Diesel, cab complete, dual hydraulics, wide front. 3 pt. hitch 200 hrs. Butler Co. 412-865-2289

Wanted - Front end loader to fit JD #60 tractor; 3 pt hitch to fit JD #60 Hunterdon Co. 201-832-2534

For Sale - Five-speed transmission for International 1600. Also Timothy/clover hay & straw delivered. Cecil County MD 301-398-5123

For Sale - 11' snow plow w/A frame $300. 3 point hookup belt driven cord wood saw New Castle Co. DE 1-302-834-0802

For Sale - Singer sewing machine Touch & Sew Model 600 E w/blond table $150. Jumping saddle 17" seat $100, 201-782-6162 Hunterdon

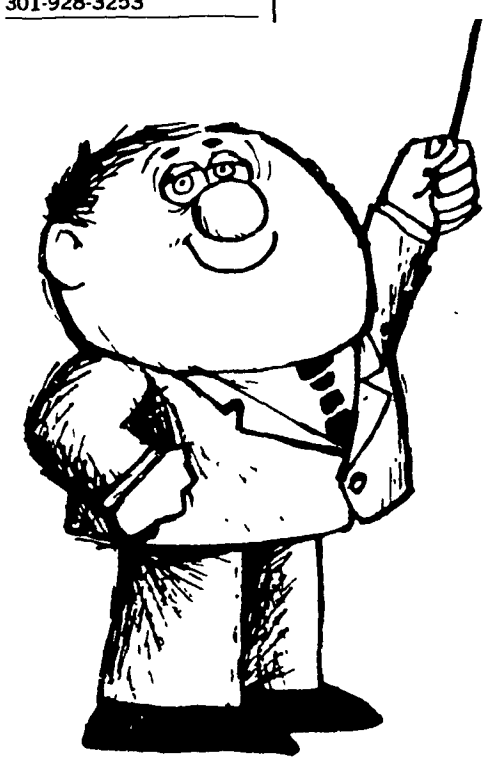
For Sale - 1 Reg. Suffolk Ram 4-H Project. $150.00 609-886-8115 after 5:00 p.m.

For Sale - 8 Angus feeders, 350 to 500 lbs. 717-657-0830 Dauphin Co.

For Sale - Antique two horse bob sled. No Friday night or Saturday calls please. 717-564-5394 Dauphin Co.

For Sale - Youth 13" Western saddle Tex Tan Hereford Imperial perfect Christmas gift! $200. See at H&H Tack Shop, Annville

For Sale - 3600 Diesel like new; plow; disk, Mott mower, stone rake; must sell, make offer, Chester Co. 215-286-9467



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LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!

MAILBOX MARKET

For Sale - Truck 1969 International single axles, heavy duty, air brakes, w/18' Midwest grain box and hoist. 315-549-7140

For Sale - Tandem axle trailer hauls payload 5 ton, electric brakes, tailgate, removable sides. 16'x8' bed $1500.00 Berks Co. 215-562-2406

For Sale - Owatonna 95 grinder-mixer in working condition $1100.00 Sauder high lift loader w/hyd. dump $175.00. 717-738-1274 Lanc. Co.

For Sale - New ear corn $60 ton at farm JD 720 diesel elect. start $3000 reset plow 814-674-8714 Cambria Co.

For Sale or Trade IH Cub, field cultivator (1 pc.) $100.00, wide mahagony (6/4) $1.50 bd/Ft. Fairfield, PA 717-334-7944

For Sale - Sickle bar mower for Ford 8N $200; 2 Btm. plow - $100, 3 pt. 5' rotary mower Del Co. 215-358-0540

For Sale - bright heavy oats, ear corn, 2nd cut alfalfa and timothy, corn cobs. 201-735-8389, 735-4408 eves. 201-735-5374 day

Wanted - All sized used animal traps 717-244-1244

For Sale - AKC Brittany spaniel from good hunting stock. Registed driving horse 8 yrs. old. Silver King tractor Chambersburg, 717-369-2216

For Sale - Case crawler loader shot tracks $1500.00 Hough loader ran 2 years $500.00. Deere A loader 215-942-2412 Chester Co.

For Sale - Purebred Nubian and Alpine goats, young and old stock, buck service available, bloodlines Berks Co 215-689-9895

For Sale - '47 Chevy stake dump truck $250 Heavy geese dress or live Berks Co. 215-845-7012

For Sale - AKC Boston Terrier Puppies Black & White with nice markings. Terrific companion Berks Co. 215-488-6886

For Sale - Black Columbian range model 226 $600 00 David G. King Kinzers, Pa Box 285 RD Mine Rd. 17535

For Sale - Two used tobacco bale boxes. Good condition John K. Stoltzfus 400 Newport Road Ronks RD #1 17572 Lanc. Co. Pa.

For Sale - Used Irish horse collars, also other collars, good cond. Christ. E. Fisher Paradise R1 Pa. Box 162 17562

For Sale - 2 barrel stove kits 14" door IH 400 TA, WD9 tractors Smucker's repair shop R#1 Strasburg, Pa. 17579

For Sale - Wheat straw, $1.00 per bale at farm. York Co. 717-225-1271 after 5 p.m.

For Sale - toy Pomeranian pups 6 weeks old. Nice, cute. Aaron B. Beiler South Vintage Road Box 195 Paradise, Pa.

For Sale - 35,000 BTU bottled gas Warm Morning Heater, $200.00. Joe E. Stoltzfus Box 346 Peach Bottom #1 Pa. 17563

For Sale - Large size bucket a day stove w/water tank, like new. Elam S. Stoltzfus RD1 Kirkwood, Pa. 17536

For Sale - 7 yr old saddle bred carriage horse, sound ready for trips Isaac S. Zook ½ mile south of Intercourse

For Sale - 4000 ft. Rock oak, 1" to 1¼" also cherry & poplar 717-776-3239 after 5 p m.

For Sale - Disk Harrow $100, hay rake $100, field wagon $125, David Bradley Garden tractor $80 York Co 717-252-1008

For Sale - 26 bred gilts - three way cross due in Jan. and later 215-286-9096 Lanc. Co

MAILBOX MARKET

For Sale - AKC Chocolate Labrador Retriever puppies. Proven bloodlines parent on premises. Ready for Christmas Cumberland Co. 717-776-5973 or 717-776-6505

For Sale - JD 24 skid loader, engine overhauled. 717-653-4023 Lanc. Co

For Sale - Wisconsin VF4 25 hp. power unit with clutch and reduction (540 RPM) Exc. cond. $500. Lanc. Co. 717-626-5438

Notice - Custom cow clipping approx. $1.00 per cow contact Abram F. Stoltzfus. Locust St. Leola R1 Pa.

For Sale - 10 steel sash with glass 6'-0" x 4'-8" $1.00 each, 16 pcs. 2"x12"x16' used $35. 717-665-5296 Lanc. Co.

For Sale - Atlanta Homesteader wood stove $175.00 Lanc. Co. 717-859-2182

For Sale - Ear corn at farm $75 at ton. Luz. Co. 717-256-3452

Notice - FREE Rabbit manure, you haul, Weaverland Rd. first place off Churchtown Rd. between Terre Hill and Churchtown. Lanc. Co.

For Sale - Majestic cook stove, coal/wood hotwater jacket, excellent cond. $350.00 Lanc. Co 717-627-2308

For Sale - six 10 gallon milk cans, Thor Automatic Gladiron (mangle type), Smith-Corona manual typewriter. 717-235-1859 after 6 p.m.

For Sale - German Shephard pups. 6 weeks at Dec. 9th; wood stove Samuel F. Stoltzfus Christiana R#1 Box 199 17509.

For Sale - 7 years old standard bred carriage horse good driving horse. Jacob K. Stoltzfus Christiana, RD1

Wanted - Male Toulouse Goose, Breeding Age. Lancaster Co. 717-653-2122

For Sale - Rat Terrier puppies, males. Black with tan. Good dispositions. $35 No Sunday calls York Co 717-235-2200.

For Sale - Cooling room door, never used, still in crate; small stoker; 1965 Mercury Park Lane. Lanc. Co. 717-872-5510

For Sale - Dodge 4 wheel drive ½ ton truck, will swap for feed or machinery. Lancaster Co. 717-872-5712.

For Sale - 3 pt. hitch circular wood saw exc. cond. 717-992-6180 Monroe Co.

For Sale - Locust post, round, split sawed. Daniel J. Stoltzfus Honey Brook R2, Box 38A PA

For Sale - High moisture corn out of the field. IH TD14 crawler with straight blade, good for parts. 717-386-5696

For Sale - Series 80 V6 Chev. tilt bed. truck with winch. 26000 GVW 5+2., Tioga Co. $3900. 814-435-2861

For Sale - Hand knitted bedroom slippers. Many colors & sizes $2.50 a pair 717-529-2214

Wanted - Bucket-A-Day & hot water tank. John S. Blank Cochranville #2, Box 34A Pa. Chester Co. 19330

Wanted - 400-600 lbs. healthy home-raised steers, with delivery. Berks Co. 215-367-0191

For Sale - Fluorescent lights 4'x8' with 8 - 4' bulks. Chester Co. 215 932-2777 or 932-8499

Wanted - Landrace boar, good stock. about 150 lbs Chester Co. 215-932-8499

For Sale - Snowblower for Simplicity Garden tractor, 14' aluminum boat, 30 H.P. Johnson many extras Bucks Co. 215-795-2628 after 4.30

MAILBOX MARKET

For Sale - Feeder pigs, grey geese, ear corn, weathered barn siding. 200 lb. Durac boar hog Har. Co. 301-692-5905 evenings.

For Sale - 15 used light poles, pump jack runs in oil, 1½" glass Universal milker pipe line. 717-764-9338

For Sale - 9 choice Char. feeder steers approx. 600 lbs. from our own char. herd Sch. Co. 717-345-4489

Wanted - set of knotters for NH 68 Baler or good used baler. Benuel F. Esh R2 Peach Bottom, Pa. 17563

Wanted - Radiator for 4 cly. MH tractor. Jacob S. Beiler 132 A N. New Holland Rd. Lanc. Co. Gordonville, Pa. 17529

For Sale - Purebred Registered Nubian Dairy goat guaranteed buck service. $25. Pedigrees included Nation's Top-Ten. Selling several. Gettysburg 717-334-7993

For Sale - Heat-Houser with roof from 2 cyl. JD $25. Lime drill $50 Lanc. Co. 1-717-529-2528.

For Sale - Deutz 6006 tractor 70 h.p. ready to go; 2 Boston Terrier male pups 6 wks. Lanc. Co. 717-656-8531

For Sale - Two 26" ladies 10 speed bikes $70 each, hardly used 215-678-1650 after 3:30 p.m.

For Sale - Reg. Shetland Sheepdog puppies. Choose now for Christmas. Parents are both mild mannered. Berks 215-689-5426. $125.00.

For Sale - 30 Charolais cross steers and heifers Adams Co. 717-528-4475

Registered Holstein bull, service age, good record. 717-786-3591

For Sale - 10 H.P. 3 PH. Duty Master motor $100.00 EZ-GO Golf cart with charger $250.00. 215-488-6576 afternoons Berks.

For Sale - 20 foot silo roof good condition. Badger silo unloader with tripod and winch 20 foot. Lebanon Co 717-866-7213

For Sale - Dachshund pups AKC shots & wormed $100.00 Mini stud service $50.00 Dauphin Co. 717-533-6646 or 838-4875

For Sale - JD model 70 gas tractor good cond. $1650.00 also 720 Bobcat skid loader $5500.00 - Franklin Co. 717-532-7054

For Sale - JD 70 gas 3 point-live pto, hyd. $2,000 JD 7,000 No-till planter, insecticide boxes dry fertilizer 717-485-5372

Wanted - Farmall H tractor for parts. Berks Co. 215-562-7714

For Sale - Reg. Polled Dorset rams. All ages, top breed lines, inoculated and wormed. Berks, Canterbury Hill 215-488-7011

For Sale - Farmall M tractor, Farmall H Tractor, Farmall 300 w/fasthitch, Lundell flail chopper, NI Hay crimper Leb. Co. 717-865-6585

For Sale - 2 MH (30) tractor's good cond. 215-285-6519. Berks Co

For Sale - JD Model 60, Power Trol, Roll-a-matic, PS, lights, good condition, Oliver trailer plow, 3-14" bottoms. Snyder Co. 717-374-1986

For Sale - 66 Chevy pick-up ½ ton 6 cyl. shift inspected mechanically OK good tires, body fair. York Co. 717-382-4424

For Sale - 1970 Chevrolet Monte Carlo PS PB Mag wheels 350 eng. good cond. $2,750.00 717-658-7436 Snyder Co. 17841

For Sale - Snow thrower for 125 & 124 cub cadet, like new, good air seat for K.W. truck Perry Co. 717-582-2483

MAILBOX MARKET

For Sale - 1 Surge bucketteer transfer system, complete in excellent cond. $300.00. 2 Surge milkers $50.00 each. 717-536-3389 Perry Co.

For Sale - 6' trailer rotary mower - $350.00 Locust Posts. and spring wagon Chris Beiler Box 38 Nine Points, Pa. 17561

For Sale - Bagged peanut hulls approx. 60-70 bags. 301-452-5122 evenings. 452-5057. Harford Co.

For Sale - 5 yr. old registered standard bred carriage horse. needs road. Moses Esh 460 Strasburg Rd. Paradise Lanc. Co.

Wanted - Meat grinder No. 32 Enterprise with or without knives need out side shell Lanc. Co. 215-445-4958

For Sale - Apples, Delicious and Cortland, good for cider or apple sauce. Columbia Co. 717-672-2638. Lanc. Co. 717-872-5263

For Sale - Disc Harrow blades 18" diameter, 1¼" square hole in center. Lanc. Co. 717-665-7155

For Sale - Starline barn cleaner unit, 180' chain, 1 hp motor used 4 yrs. in manure $200. Lanc Co. 717-665-6482

For Sale - Nice bright rye straw, can deliver near by, call Frystown Berks Co. 717-933-4721

For Sal - 5 HP Copland milk tank compressor $700.00 717-949-3263 Elam N. Zimmerman

MAILBOX MARKET

For Sale - due to health, IH 400 6RN air planter good condition $2100.00 Fulton Co. 1-717-485-4975

For Sale - Nurs-ette automatic calf feeder - model 32 - good condition - Perry Co. 717-536-3394.

Yorkshire boars, bred gilts and open gilts. Pseudorabies free herd. Will deliver. Joel Stern, R2, East Berlin, Pa. 17316, York Co. 717-292-4634.

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa.

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m. or after 7 p.m. 201-735-8389 or 201-735-4408, days 201-735-8865.

For Sale - 4 purebred Suffolk ewes $75 each. 1 purebred ram, $100. Lanc. Co. 717-687-8240

For Sale - Lancaster County farm. Approximately 32 acres House, barn, silo & other out buildings. Beautiful view 717-733-6997 Lanc Co.

For Sale - 110 portable Whirlpool clothes dryer $35.00 Hood w/air scoop for Plymouth Road Runner, Aspen $40 00 Berks Co. 215-678-3099

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MAILBOX MARKET

For Sale - Two single row mounted Ford corn pickers, One for parts $200. Schuylkill Co. 717-682-3254

For Sale - Smidley Hog Feeder 12 hole w/roof and 2 ton feed $180.00 capacity Lanc. Co. 717-859-3456.

For Sale - Purebred Brittany pups. males $50, females $60. Dan Troyer Route #1 Box 85-A Wyoming, DE 19934 No Sun. calls.

For Sale - Front end loader w/front end pump, fits MF 165 or 265 tractor call 609-478-2478 Glouster County NJ

Wanted - Stanley or JD 33 planter units, and one row potato digger Caroline Co. 301-634-2044

For Rent - 100 acres of tillable farm land with barn situated in lower Paxton twp., Dauphin Co. Phone Lebanon 717-838-6270

For Sale - Bean Royal Model #L1118-D1 50 GPM pump belt drive with 40 HP 3 PH motor Lanc Co 215-445-4090

For Sale - 2 Registered Holstein Heifers due in December Harry J. Myers 1-717-776-3868 Cumberland Co.

Wanted - Dissinger or Flinchbaugh gasoline engine. Would consider, any other PA Mfg engines. Write Rauhauser Box 766 Thomasville, Pa 17364

For Sale - McCormick 2-A hay conditioner. Berks Co. 717-933-8227 $50.00

For Sale - 300 bales second cutting alfalfa. 1000 bales first cutting mixed hay. Also oats straw. 717-834-4576 Perry Co.

For Sale - Knee hole desk. Dusk to Dawn light. 1 roll plastic for hot house. Phone 717-933-4569 Berks Co.

Wanted - Rear wheel hud to fit Oliver 770 Cumb. Co. 717-776-7343

For Sale - New 60" manure fork for MF 236 loader. Farm-hand grinder-blower like new. 717-597-4782

For Sale - 32' Holiday Rambler travel trailer. (fully equip. & excel. cond.) $5,000. Ford 600 call 717-896-8656 Dauphin Co.

For Sale - AKC Registered Black Lab Pups $175.00 ea. call Randy at 215-944-0527. Berks Co.

Notice - 15 locust trees free for removal any time this winter. Stumps may remain in the ground. Call 717-285-4905, evenings

For Sale - JD L-single bottom plow $150.00, 2-10-40 rear tractor tires & tubes good cond. $150.00 215-679-5788

For Sale - 24' NH elevator w/corn paddles, NI Pitman less 7' mower, Case 5 bar Parrell hay rake; 717-345-4882

For Sale - Suburban Woodmaster stone model WR6-78. Never used $160.00 717-653-1568

Wanted - Name and address of shingle saw operation to cut cedar shingles. Xenil Felton 3512 Germantown Pike Collegeville, PA 19426

Wanted - Horse drawn NI manure spreader, 2 horse rubber tired wagon. 301-797-4330. Tom Craig Rt 4 Box 105 Hagerstown, MD 21740

For Sale - Elevator $150. spin spreader $400. Harvester w/2-row head $1000. 717-286-5306

For Sale- 1600 gal. fuel oil tank truck body 215-345-1909 after 7, Bucks Co.

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area Top prices paid, 215-756-6269.

MAILBOX MARKET

For Sale - Percheron stud colt. 8 month old. Stands 63 in. Ammon S. Fisher Quarryville RD #3 Box 28, 17566

For Sale - Hog feeders, heavy steel 500 lb. capacity, suitable for bulk, $75.00. write: Gideon Renno RD2 Mifflintown, PA 17059

For Sale - Sunbeam cow clippers, $35. Trailer axle with wheels, electric brakes, $135. 3M copier machine, $35. 717-949-3074. Lebanon Co.

For Sale - 172 acres farm excellent for beef, horses, or sheep in Huntingdon Co. $90,000. 814-448-3248

For Sale or Trade - 1977 Chevy Caprice Coupe - excellent condition $3400. or trade for good Chevy Blazer. Adams County 717-677-7387

Wanted - Vegetable transplanter 1 or 2 rows. 717-328-2456 evenings. Franklin Co.

For Sale - Model LR 31 Semen tank in excellent condition 8 week holding capacity $300.00 717-536-3687 Perry Co.

Wanted - 307 or 350 engine for '70 Chevrolet truck in good condition. Montgomery Co 215-723-7570, leave message on tape

For Sale - Rabbits, good for breeding or pets one pair dutch and one pair pedigree Netherland Dwarf, Millersville area 717-872-2327

For Sale - Tobacco baling bot, also 3"x6"x18' tobacco rails, 717-684-8213 Lanc. Co.

For Sale - Apples, very nice cider apples. Only $1.99/bushel, lots of 25 bushel. Columbia Co. 717-672-2638. Lanc. Co. 717-872-5263

For Sale - Barn, $600 or best offer, 717-354-8853, Amos R. Hoover, Lanc Co.

For Sale - 1975, Glick, 2 horse trailer, excellent condition; snow plow for wheel horse tractor, like new; 717-665-4626 Lanc. Co.

For Sale - Young Purebred, Lamancha goat buck, champion stock, also 8 month old Holstein bull Lanc. Co. 215-445-6622

Notice - Billy Goat for stud service, ¾ alpine, from 2 gal. milk a day stock, $5.00 fee. Lanc. Co. 717-354-7043

For Sale - International 460 utility tractor w/loader, $3300. Antique oak sideboard w/carved heads, feet, excellent condition, $600. Lebanon Co. 717-273-5432

For Sale - International 350 tractor with wide front end and inustrial front end loader. $2000. firm 717-624-4648 Adams Co.

Wanted - Old time New Holland feed mills, books or literature of the same and New Holland tools, Lanc. Co. 717-354-9127

For Sale - Must sell - Marvel Brute building, new, never erected, will sacrifice $4800.00 York Co. 717-993-6808

For Sale - 1½ inch glass pipeline - $2 a foot 4 bu. rye seed. $4 a bu. 717-687-6321. Lanc. Co.

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa. 717-786-2562

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud: Senator's Thunder, black and beautiful, 215-267-7311.

Fox Terrier stud service. 717-354-7186

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235.

MAILBOX MARKET

For Sale - Bred, cross-bred ewes. All due in late January, early Feb. Call 717-867-1584 Lebanon Co.

Wanted - Tarpaulin, various sizes in good condition. Also tie downs. Call 215-857-3463

For Sale - Roller Bearing top buggy with hydraulic brakes and 12 volt three dozen Connibear Muskrat traps Lanc. Co. 717-738-1924.

For Sale - Dumping Station with 134 ft. of 1" glass line, Surge milker. Carroll Co., Md. 301-775-7693.

For Sale - 1975 Freightliner, 1693 Cat engine. 29 ft. Ravens Dump trailer, 1973 45' insulated van. Bedford Co. 814-652-6754

For Sale - 14 month old reg. female Walker coonhound $125.00 also broke male beagle $100.00 609-769-2984

Wanted - 2 bottom plow with 3 point hitch give price & condition Dauphin Co 717-566-8944

Wanted - Used stock trailer for sale or trade Reg. Polled Hereford Bull Frederick Co. 301-663-1257

For Sale - Mixed Hay, Firewood, baler twine, farm seeds 814-628-2191 Tioga Co.

Wanted - Timothy, Alfalfa, and Straw will haul. Cassidy Brothers 717-777-5134 between 9 and 5

For Sale - Amish buggy good condition w/braker. John K. Beiler Quarryville #3 Pa. 1 mile East of Quarryville on #372

For Sale - Jacobs Rubberflex collect chuck model 91-T1- for L-1 taper key spindle comp. set of collets. Montg Co. 215-539-0428

For Sale - Standard bred carriage horse 6 yr. old, safe for any body to drive $625.00. Lanc. Co. 215-445-6067

For Sale - HD cutting torch, with two stage regulators and hose. Excellent cond. $135.00 Mercer Co. NJ 609-466-2273

For Sale - JD 50 tractor with cultivator & No. 5 mower, call after 6:00 p.m. Atglen, Pa. 215-593-6162

For Sale - New Zealand White rabbits, on wire, with automatic waters, Paul Z. Newswanger 717-354-9935

For Sale - 2 little used 8:00 x 14.5 tires 12 ply rating nylon tubeless and 4 used 14.5x6 rims. Lanc. Co. 717-768-8901

For Sale - 2 Reg. Polled Herefords Cows, NH 270 baler & thrower, Seven cases white ceramic tile 717-222-4416 Susq. County

Wanted - Bale thrower wagon with racks, also 40 ft. elevator. York Co. 717-927-6580

For Sale - Rabbits - 3, 5 & 6 month bucks, 1 French lop, 1 Black Satin all pedigreed York Co. 717-244-9576

For Sale - IHC 3-disc plow, pull type, excellent condition, NI 12 - 12A and 17-200 spreaders. York Co. 717-235-4026

Wanted - JD backhoe mounting brackets for JD crawler 440 or 1010 215-756-6363 Berks

For Sale - Two Jamesway Shuttlestroke barn cleaner drive units $500.00 ea or best ofter. gas tank $100.00 Dauphin Co. 717-362-3492

For Sale - 100 board ft. dryed, rough, Black walnut lumber $1 10 per ft. 225 amp AC welder Lanc. Co 717-626-4353

For Sale - 30 Limousin-Hereford cross feeder steers, 450 - 500 lbs. 20 heifers, 450 - 500 lbs. Home-raised, Adams County. 717-334-7524 after 5 P.M.

MAILBOX MARKET

For Sale- Reg. Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414.

Wanted- 200-300 gal. holding tank, meat grinder, 30 gal. S.S. barrels, castors, S.S. 6 ft. table, ratchet press, S.S. sink, 215-862-9148 10-5.

Used Bee Equipment; Inverbrook Apiaries, R.D. #2 Box 230, West Grove, Pa. 19390, 215-869-3353.

Wanted- Parts cleaner. Also want Gravely with a 30" rotary. Model "A" Fords wanted. Call in evening. Montg. Co. 215-933-2469.

For Sale - Egomatic model 160 egg grader, Kuhl fiberglass egg washer; Keenco Automatic Feeding Systems, 717-648-5056. Schu. Co 6-9 p.m

For Sale - 1967 Int. Scout with snowplow runs good needs some body work Chester Co. 215-444-3960

For Sale - 1978 Chev diesel pickup AT, PS, PB, AC tilt wheel chrome front and rear step bumper Lanc. Co. 717-367-0321

For Sale - 1982 Ford pickup, 1949 Willys Jeepster, Westinghouse upright freezer; fancy cast iron cook stove; 717-442-4279 evenings.

For Sale - 6'x6'8" Alum. Sliding glass door unit - very good cond. $100.00. Lanc. Co. 717-626-1467

For Sale - Case thrash machine, use this summer, best offer. 717-532-3460 Cumberland Co.

Wanted - Diesel farm tractor 65-90 horsepower, some repairs ok most makes considered Lanc. Co. 215-445-5834

Wanted - 12 or 14 ft. ring drive unloader and tripod useable cond. Kutztown, Pa. 215-683-7994

For Sale - Registered Sable and White collie puppies. Six weeks old and ready to go on 12/21/82 717-694-3485 Juniata Co.

For Sale - Registered Yearling Belgian stallion - Continental breeding - blaze, white mane/tail $1500. Brillion 13' double rotary mower. Chester Co. 215-384-3933.

For Sale - 52 GMC dump truck, 300, good tires & motor, $1,000. No. 17 NI manure, $500. Oxford, PA 215-932-2764

For Sale - Ready Christmas. AKC Doberman puppies. Red/Rust, Black/Rust, Bred for conformation, temperament. Good w/children $100. Leb. Co. 717-865-6581

For Sale - Gravely Plow and cultivator 717-776-7434 Cumberland Co.

For Sale - 8 large holstein heifers springing tested ready to go. also young filly very tame Berks Co. 215-562-4575

For Sale - Farmall "M" tractor needs battery and carb. work $800.00 complete 7' blade for "M"-"H" Chester Co. 215-932-9323

For Sale - IHC No 8 Flail chopper, new flails good, stored inside 215-869-9267 Chester Co.

For Sale - Corn sheller, Sears Roebuck, belt driven, w/transport wheels, cab elevator and bag attach $300.00 Harford County, MD 301-734-6007

For Sale - Truck camper 8 ft. bed asking $100. 717-872-7281

For Sale - Hog or chicken manure agitator pump w/fill pipe $1,000 Elmer K. Glick RD 1 Gap Box 276 Pa.

Wanted - A wooden chain conveyer, 30 ft. long with one 45 angle 10 ft. from opposite end of unit. 717-527-4870

Wanted Radiator for Farmall MTA. For Sale - ear or shelled corn out of field, 25 bred ewes 717-263-9091 Franklin Co.

MAILBOX MARKET

Wanted - Young red hen turkey Narangasett preferred. Burbon OK Chester Co. 215-896-2126

For Sale - NI No. 17 manure spreader like new used 185 loads $1095. 3 pt. wood saw w/belt $385. 717-354-0266

Notice - Stud Service: Reg. Arabian, grey, Raffles/Mirage breeding. Also yearling ½ Arab colt for sale. 717-875-0206 after 5.

For Sale - 8 beautiful, pedigree angora rabbits, various colors (no white) 11 months old, never bred, M & F. Cages. 215-383-5280

For Sale - One set wheel weights for ACD 17 or D-19 $50. Heat houser for D-17 $25. Call 215-767-6867 Northampton Co

For Sale - Standardbred horse 5 yrs. old broke Omar S. Fisher Bart, PA Box 17 17503. Lanc. Co.

For Sale - Large 2 door Servel gas refrigerator in good cond. Lanc. Co. 215-445-7117

For Sale - Horse training saddle, harness tricks, show will pick up & deliver Hanover PA York Co. 717-632-7472

Notice - Will clip dairy cows $2.50 per cow live in Lanc. Co. but will travel 717-548-3466 call anytime.

For Sale - 1 seater one horse sleigh - nice $300. E.M.F. 2400 B.T.U. oil hot air furnace $300 Lanc. Co. 717-786-2275

For Sale - 6X6 GMC Military truck in exc. cond. for farm Equip. Susq. Co. 717-663-2540

For Sale - Oliver H.G. Cletrac, Star Lights. Pulley - Hill-Side - Hitch Cult. Excp. Fine Cond. Price Reas. Lehigh co 215-262-6478

For Sale - Top buggy in good condition with rubber tires and hydraulic brakes. Lanc. Co. 215-445-4452

For Sale - JD cyclone B with two row cultivator steel on rear $450. Also tires & rims off 2510. Lanc. Co. 215-445-4786

For Sale - Rear Chrome bumper for Ford. Pickup 73-78 $45 #10 NI corn-picker $375 Mifflin Co. 717-899-6259

For Sale - 28 hog feeder's Pride of the farm 5, 10 & 20 bu. good cond. Lanc. Co. 717-354-5657

For Sale - Jersey family cow, first calf heifer. Raymond W Shirk, RD 3 Ephrata, PA 17522

Wanted - IKW generator DC motor from ¼ to ¾ Hp. W. Zimmerman RD 4 Box 467, Ephrata PA 17522

For Sale - 9' Snowplow for larger truck Wanted - equipment for sharpening and repairing lawn mowers York Co. 717-757-1960

For Sale - NI 702D Uni., 710 combine, 713 flexhead, 713 rigid head, 723 2 row CH York Co. 717-456-7375

Wanted - Used tractor tire, 18.4-38. Berks Co. eves. 215-562-8443.

For Sale - Flail Chopper rider cultivator cultipacker, wagon gear disk harrow A Farmall tractor NH Hay Baler. 717-786-3618

For Sale - 5 yr. old sorrel Saddlebred gelding, over 16h., needs work, Isaac S. Fisher, N. Souderaburg Rd., Gordonville, Pa.

For Sale - Milk tanks 600 zero 600 Mueller round type auto-wash-complete w/compressors. 6 yrs. Franklin Co 717-264-6007

For Sale - 17 grade heifers weigh 800-900 lb. Vacc. Dehorned health chart $550 a head Lanc Co. 717-284-2417

Wanted - Used Rotary hog feeder 717-285-5413

MAILBOX MARKET

For Sale - Appalachian Wild Turkeys Several kinds of Ornamental Pheasants and Bobwhite. Franklin Co. 717-349-7436

For Sale - 2 yr. old registered Holstein bull Dam Marvex exc. breeder Samuel A. Stoltzfus, Kirkwood RD 1, Hill Rd. Pa.

For Sale - One 5,000 gal. metal cement lined water storage tank new $9,000 one JD backhoe $1500 717-642-5285 Adams Co. Pa.

Wanted - Cockshutt 540 utility tractor York Co. 717-755-6946.

For Sale - Clay 800 gal. Honey Wagon $650 215-267-2128.

For Sale - Old stone mill built in 1813, situated on 1 acre ground. Lanc. Co 717-367-2121

For Sale - Papec Hammer Mill 10 inch with bagger, 4 screens belt driven. Good working cond. Perry Co 717-582-8256.

For Sale - 7½ hp. Petter diesels also buckskin mare broke to ride 717-438-3174

Wanted - JD 6 Int. or D 2. Caterpillar w/angle blade or bucket also 650 harvester with cutter screen, Adams Co. 717-334-1824

For Sale - Int. Snow Thrower to fit Int. Cub Cadet Lanc. Co. 717-665-4170

Wanted - Hesston 3-point stack mover. 717-665-4245 Lanc Co.

For Sale - Jersey family cow $475. Size B. Katahdin potatoes David F. Lapp, RD 2 Box 272, Myerstown, PA 17067

Wanted - 3' Back Hoe Bucket to fit a Case. Wanted - 3 pt. Rototiller. Perry Co. 717-567-9558

For Sale - 1000 Bales of mixed hay $95 a ton at barn, dry locust wood 717-292-6441 after 4:30 York Co.

For Sale - 4020 JD diesel tractor AC 10' disk 6600 JD combine deisel w/4 RW corn head, York Co. 717-229-2548

For Sale - 10 Acre Farmette, with house, barn. Additional 5 acres available if desired. Lanc. Co. 717-354-9219

For Sale - Used Metal Sliding Windows 44" x 100". Can be shortened. Good for greenhouse or garage, $50 each. York Co. 717-382-4120.

For Sale - Have tracks, rollers, sprockets, idlers, motor parts, radiator for Cat 15 tractor 1929. 215-384-2860

Wanted - tree seeds (all kinds) cash paid for good seed Emanuel Z Stoltzfus, RD 1 Box 230, Bird-In-Hand, Pa. 17505

For Sale - Lg. vol. Calumet vacuum pump for liquid manure spreader Lanc. Co. ph: 717-733-8528

For Sale - used refrigerator, wood stove, ¾ HP pump motor 717-665-5210.

For Sale - complete 1839 Magnovox stereo. Like new, nice Christmas gift, best offer. Lanc. 717-733-6319

For Sale - 2 Kerosene space heaters, Huntingdon Co., 814-542-9522.

For Sale - Mushroom soil - Nov. & Dec. special price - 5 trailer loads - $350; also poultry manure. 717-859-3348, 717-626-2212.

Build your own pig feeders for under $10. 100# capacity. Easy plans, $2.00. Rt. 1, Box 742, Mardela, MD 21837.

MINI LOP RABBITS with papers $25.00. Very Loveable pets NZW Rabbits with papers, $10.00. Cecil Co., Md. 301-885-2134.

For Sale- Outside calf hutches, $75 each, David B. Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd at Little Britian, second road right.

MAILBOX MARKET

For Sale - Estate Heatrola Coal Stove $20.00 Ph: 717-687-8871 after 5 PM.

For Sale - Hampshire Rams well bred, also ewe lambs. Henry Showalter 717-859-1094 Lanc. Co.

For Sale - Welsh Yearling Sorrel Pony $100; Pony Cart $100, Pony Harness $75. Heavy duty Mo-Ped $350 Lanc. Co. 717-569-5150.

For Sale - 100 ton Norton Jack 13 ½ Rise $250 or best offer New Weldreel, best offer Morgantown, Berks, 215-286-0149.

For Sale - 2 mounted snow tires, G70-14, studs. 717-545-8867. Dauphin Co.

For Sale - Warm morning gas space heater 65,000 btu $150. Warm morning gas direct vent heater $50 Lanc. Co. 215-286-9665

For Sale - Ladies 5 speed Schwinn bicycle like new. Ashley wood stove used 1 yr. family moved Berks Co. 717-933-8128

For Sale - 1st calf Guernsey heifer freshened 25th Oct.; fold away stairs 2-4x6-8 prehung Mahogany interior door 215-926-2985 Berks Co.

For Sale - 550 gal. underground fuel tank excellent cond. Fittings & pipe inc. Columbia Co. 717-799-0169

For Sale- Spring wagons & buggies & horse related items. 301-398-5696 after 7:30 P.M.

For Sale - Muscovey Ducklings, Daniel L. Stoltzfus, Bird-in-Hand, Snake Hill Road, Lanc. Box 289, 17505.

For Sale - IH 45 baler, complete $75; 2 cyl. Wisc. engine $200. Samuel S. Stoltzfus, 2447 Stumptown Rd., Bird-in-hand, Pa.

REAL ESTATE

York County 162+ Acres mostly planted to apple trees in full production. Various other fruit trees. Well maintained property in two separate tracts with much road frontage. Three bedroom farmhouse. Two large barns one equipped w/grading and packing line. 37x74 cold storage. Call today for more details. 717-225-3643. Anchor Realty RD #4 Box 4310 Spring Grove, PA. 17362

Farm For Sale - 125 acres in Lebanon County, south of Route 322 on December 16, 1982. Call 717-867-4948 for more details.

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture. 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00 Call 717-546-2233 or 546-2313

FRANKLIN CO. LAND
212 ACRES in Amberson Valley (northern part of county), 40A cleared, 35A pasture (fenced & next to creek), & 137A mountain land (some timber). $106,000.

82 ACRES in St. Thomas Twp. About 45A tillable. Small stream. House is rough; barn not bad. $135,000

HAMILTON Twp., 39 acres, all tillable. Home had recent remodeling; all buildings good. $71,000.

J.L. LUTMAN
Real Estate
Chambersburg
(717) 264-2949

JUNIATA COUNTY - $89,900 - 161 Acres with stone farmhouse, spring house, barn, stream, woodland and cleared land. (204545) Coldwell Banker, Bob Yost, Inc. (717) 848-6300/757-7811

REAL ESTATE

For Rent - Complete veal raising facility, with housing good family opportunity. Call manager. 201-832-2905

129 acres of gently rolling fields in a high state of cultivation, small partial wooded. North of Harrisburg, Dauphin Co. $1500 per acre. Contact Andrew Fisher of Livingston, MaGilton and Fisher Realtors, 717-236-3900 or 717-362-8384

Maryland-Kent Co. near Millington. 86 acres, 18 acres woodland, 2 ponds, misc. buildings in poor cond., no house. Asking $170,000. Only $1,977 per acre. Kent Creek Real Estate 301-648-5656 Galena, MD

Working beef operation on approximately 89 acres 4 pastures, completely fenced w/woven wire and stream running through each, self-feeders, large barn, new corn crib, shop, two car garage. Modern farm house w/huge family room featuring a massive stone fireplace. Terms are possible. RD1 Halifax, Dauphin Co. $219,000. Contact Andrew Fisher of Livingston, MaGilton and Fisher Realtors 717-236-3900 or 717-362-8384

270 acre dairy farm, 90 cow tie barn, pipeline milker, heart of Finger Lakes, 170 head reg. Holsteins plus equipment. 315-539-9016

For Sale - Lebanon County Farms, 79 acre hog or beef farm $269,000 - fifty five acre beef farm $179,000 owner financing, a four acre farmette $49,900 ten acres of woodland $25,000 and a 150 acre Berks County farm $205,000. Write for brochure: Nelson Ebersole-Realtor Auctioneer 717-867-4487 Suburban Realty, 30 West Main St., Annville, Pa. 17003

"Mini Estate" log home 20x30 Family room 20x30 bedrm, 12 acres, outbuildings, $165,000, Rinehart Real Estate, 717-235-6714

Glen Rock 87 acre farm 60 tillable, stream, barn, other outbuildings. $168,000 Rinehart Real Estate 717-235-6714.

FARMS ... Near Greenwich, OHIO. General or Dairy - 137 ACRES - 167 ACRES and 150 to 750 ACRES. Contact: WALLACE RAMSIER - J.C. MEYER CO., INC., 1011 E. Main St., Ashland, Ohio 44805 (419) 289-2600 or (419) 368-3106

Farm For Sale - 4 bedrooms, living room with fireplace, family room, large kitchen, oil heat. 45 acres. Will subdivide. Lancaster Co. 717-665-5741

For Sale - Large 4-bedroom house with large garage attached to house, also horse barn and small storage shed. Buildings all in good condition and situated on bldg. lot with road frontage. Ideal for small business. Write to: Abe E. Weaver Rt. 2 Box 135 Mifflintown, Pa. 17059

Farm of 207 acres, approx. 100 acres river flat, remainder woods. Older 2 story home, 2 barns, shed, attached garage. Just reduced to $85,000. Ask for Jeanne. C-25. Call Winters Real Estate, Inc. 607-962-2401

92 Acre Crop Farm, Central New Jersey. Large home, irrigation pond, outbuildings $276,000. Century 21 SCS Agency Hightstown New Jersey 609-448-0113

MICHIGAN-SANILAC CO., Marion Twp. Crop and Dairy Farms, Most have homes and outbuildings. 73-160 acres parcels, some tiled, 641 acres total, 626 tillable, avg. $1700 per acre. Contact Brad Apsey, Deckerville, MI 313-376-3574 at Clare Wait Real Estate Inc.

REAL ESTATE

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

For Sale by owner. 126 acre dairy farm in Franklin Co. Contact Ben Peachey 10139 Church Hill Road Mercersburg, PA

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

Farms For Sale - Kent Co. Maryland, 120 acre water front, new home, 2 new large sheds, good hunting, asking $450,000. 110 acre hunting farm, 2 homes, 3 sheds, 3 ponds, asking $260,000. 107 acres, good hunting, asking $300,000. 91 acres, 83 tillable, very good hunting, $2,350/acre. Cooper, Barroll Realty Galena, MD 21635 301-648-5593.

Farm for sale - Located in Clinton County, Sugar Valley, 126 acres, 63 tillable, 63 woodland and creek bottom, farm consists of 3 bedroom home, bank barn and outbuildings. Excellent hunting and fishing. 717-725-3709.

40 acres of farm land (tillable) plus 40x60 bank barn, along hard top road, 7½ miles northeast of Burnham, PA in Decatur Township, Mifflin County. No property (house) on land. Price $60,000. Call 1-717-248-4630 or write to B.C. Aumilla, 7th Ave., Burnham, PA 17009.

Perry Co. 80 acre general farm, bank barn, 4 bedrm., 1½ bath home, plus small unattached rental apartment. Call 717-438-3440

Beautiful 9½ acre farmette, 12 mi. west of Carlisle, chicken house and barn, $475/month. 717-258-6360

Wanted to lease - purchase. operating dairy farm, Lancaster Farming, PO Box 366, D-18, Lititz, PA 17543

Yates Co. NY, 170 acre farm, 120 tillable, 9 acres woods, abundant water supply, 3 barns, 32 tie stalls, 2 silos; 4 bedroom house, fully insulated, oil and woodburning furnace. Owner finance. Roland E. Hoffman, REALTOR, Gorham, NY 716-526-5443

REAL ESTATE

3 bedroom ranch, woodstove, fireplace, 2 car attached garage, 3½ acres, barn, pond, fenced pasture, $85,000. Dauphin 717-469-0539

Operating dairy w/approx. 1 mile frontage. Approx 100 acres, 83 tillable. Good alfalfa ground. 20x60 Harvestore, Terre Hill silo, bunk feeder. 42 stanchion barn, pipeline. Brick home, new kitchen, other buildings, silo, all in good cond., Berks. 215-756-6479

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044

231 ACRES-FINANCING

Popular scenic recreation area between Somerset & Bedford; 213 acres mostly wooded; last timbered in 1932; for sale at only $400 per acre for the entire tract with low interest seller financing terms available. No. 4765. WEST REAL ESTATE AGENCY, INC., Office: R.D. #5, Box 99, Bedford, PA 15522, phone: (814) 623-8594.

FARM WITH INCOME

99-acre farm generating income; close to Shippensburg, PA college town with city water service; 10-room southern Colonial style home with 3-baths; 3 fireplaces; in-ground swimming pool; 5-rm & bath tenant house; 2-bedrm. mobile home; barn & corncrib; seller willing to finance. No. 5828. WEST REAL ESTATE AGENCY, INC., Office: R.D. #1, Newburg, PA 17240, Phone: (717) 423-5508.

ENDLESS MTS. REGION

Near Troy, PA; 43 acres with lovely 8-acre spring-fed lake; 1200 ft. road frontage with local services; both personal or development possibilities. No. C-7824. WEST REAL ESTATE AGENCY, INC., Office: 12 Canton Street, Troy, PA 16947, Phone: 717-297-4046 or 297-2777

WANTED

Quiet Family Wants 3-10 acres land with small house of 2 bedrooms. Prefer in Lancaster Area. Write House, P.O. Box 2156, Baltimore, Maryland 21203

Approx. 90 acres Perry Co. woodland, best deer hunting in PA, right of way provided, will survey this month, $700 per acre with 1/3 on settlement and owner finance at 10% 717-789-3943

FARMER-HUNTER JEWEL

While the corn is growing on 50+ acres, spot game in the 40 acres of timber! Lots of road frontage, a small stream and pond and low taxes make this Millersburg, PA area farm even more attractive. Call Laura Dunkelberger for more info. on 92 acres priced at $65,000. Century 21, Hoffer, Jones, and Zink 717-653-8127, 367-8508. Home phone 717-367-6953

REAL ESTATE

ONE FABULOUS FARM

Near Ross Mt. Park Country Club and Champion Lakes Golf Course north of historic Ligonier PA in Westmoreland County; beatuiful 70-acre farm with neat grounds & buildings; elegant 6-year old brick ranch home; garage; excellent barn 40x80; fenced pasture; small stream; springs; over 800 ft. road frontage. Valuable coal deposits. No. 3112. Karen Tosh, R.E.S., Phone: (412) 676-5060.

WEST REAL ESTATE AGENCY, INC.

Farms For Sale - #1 - 87A. 72A. tillable, 2A. timber, small stream, 4500 Ft. frontage. Large bank barn w/machinery storage or housing for beef or swine on ground floor 44x60 shop & machinery storage 24x36 corn barn. 2-door shed, 30x7 grain bin w/drying floor & fan. 4 BR. 3 bath home, oil and wood forced air, 2-car garage, w/wo 2nd home, 3 BR., 1 bath, 2-story brick w/attached 2-car garage, oil hot water heat.

#2 - 55A., no buildings, 43A. tillable, 10A timber, productive with future development. possibilities, w/wo 2-1A. Lots. West York County, 717-225-3513

Wanted to rent - Part of farm suitable for calf raising operation. Suggestons, other ideas welcome. 302-475-3491

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

77 acre dairy farm in Fulton Twp., Lancaster County, 54 stalls, 800 gallon tank. 717-548-3181

REAL ESTATE

TWO OF NEW YORK STATE'S FINEST DAIRY FARMS

#0-9001 - 950 acres Glacial river flats - black silt loam, large wood and timberland; new barn with 172 ties, 4 large silos, topline machinery, 225 head cattle; 4 homes, remodeled. Liberal financing, owner would lease-back or manage. Stocked and equipped $1,100,000.

#D-9003 - 127 acres river bottom silt, new 2-story barn with 56 ties, 3 large silos; fine colonial home Bare - $270,000.

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Ray Murray, Farm Sales Specialist

LANCASTER COUNTY

Modern dairy setup for 46 cows. 800 gallon milk tank - 20x76 - 12x55 - 10x50 silos, heifer barn 30x72, 4 car garage w/nice workshop, new well, 3 BR frame 2 story house w/oil heat, 1½ baths, big kitchen, nice office area. Tobacco shed and corn barn. All on 66 acres of limestone soil. Call today for confidential showing.

Also several other beef, poultry & general farms. Largest size 410 acres.

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Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Mahlon Oberholtzer, Lancaster, 717-392-1177

Broker-J. Irvin Dehlinger 717-898-8962

Owner financing

600 acres, operating dairy farm, 400 acres tillable w/large level to rolling fields. Woods, pasture, 4 ponds, creek and drilled well. Large dairy barn, milk house with bulk tank and milkers. Concrete silo, heifer barn, 2 houses. 120 day growing season. Owner anxious to retire. Finger Lakes area. Asking $198,000.00.

Private Setting

30 acres part wooded, stocked pond overlooking valley. 3 bedroom raised ranch, 3 baths, family room with fireplace has insert that can heat entire house. 2 car garage, small barn. Owner financing $65,000.00.

Secluded Log Home

Nestled in Pine Grove, stocked pond, creek on 5 acres. 3 bedroom living room, dining room and eat-in kitchen. Southern exposure. Wood-coal-fuel oil combination furnace. $65,000.00.

River Front Farm

145 acres woods, fields and pasture. Excellent 4 bedroom house, dairy barn, tobacco shed and machinery shed. Owner Financing $125,000.00

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COUNTRY PROPERTIES
G.D. Hannum, Realtor

102+ ac - house, bank barn 65'x82' with slate roof and silo, stream, 3875' road frontage, private location between Oxford and Quarryville, Pa., 3 ac wooded, good farm land. $315,000

47 + ac - 3BR house, good farmland within ½ mile of US#1 at Jennersville, considerable road frontage $240,000

20+ ac - 3BR house, spring fed pond, detached 3-car garage Repairs needed Owner financing possible to qualified buyer $110,000.

10+ ac - 200 yr old stone farmhouse, barn, pond, excellent location Unionville School Dist. $127,000

2+ ac lot near Chatham. Owner financing possible to qualified buyer. $14 000

Income Producing Property - 7700 sq ft. brick building containing store plus 4 apts $198,000

Contact: Hale Truitt
347-2065 OR
869-9310

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OPERATING PULLET FARM - 26,000 bird modern pullet house with excellent tract record. Sign on with existing or new lease for all the birds you can produce or raise your own chicks for greater return. 60+ acres several good outbuildings, nicely remodeled 5 bedroom home, minimal labor situation allows outside job. FLB and Seller terms available Asking $229,000 M-357 PH: 717-662-2138.

LAND FOR SALE

W-682 lot, open, exc. htg, fishing	$2,200.00
W-633 5.69 acres, exc. comm. site	7,950.00
W-677 13.65 acres, wooded, spring	8,750.00
W-668 10± acres, exc. htg, spring	8,950.00
W-612 46.7 acres, spring, wooded	18,500.00
W-687 23.08 acres, joins state land	19,500.00

CAMPS FOR SALE

W-660 1± acres, stream, exc. htg.	$18,500.00
W-684 1.05 acres, part wooded	19,900.00
W-665 3± acres, exc. hntg. stream	23,500.00
W-643 19.5 acres, spring, south exp.	25,500.00
W-656 2± acres, furnished, open	29,900.00

47 acres with stream, partially wooded, frontage on black top road, septic approval, owner financing, $31,900.00 B-151 PH: 717-265-3171.

Call for our free list of properties available. We have other camps and land that is wooded, open, with springs, and owner financing. The Real Estaters of Wellsboro, 120 East Ave., Wellsboro, Pa. 16901 717-724-5921.

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2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

REAL ESTATE

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GAME FARM & FISH HATCHERY -368 acre property - 200 acres fenced for private or commercial big game hunting preserve. Warm water fish hatchery, 30 spring fed ponds, 10 acre lake, lodge, trout stream, 40 campsites, road frontage

BLAIR COUNTY

GENERAL FARM - 131 acres (106 productive, tillable, 25 woodland & pasture), near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. $170,000

CENTRE COUNTY

GENERAL FARM - 123 acres (45 tillable, 32 pasture, 44 woodland). Excellent water supply. 2-story frame house, mostly remodeled, 30'x60' high clearance pole building. Yarnell area. $119,500.

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition. Pond. $299,000.

THREE LISTINGS - 2 MILES EAST OF REBERSBURG

10 ACRE FARMETTE - frontage on Rt. 192. Sound 2 story house, new 30' x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below. $52,500. 45 acres of woodland also available.

2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment. The barn has 27 tie stalls & an attached milkhouse. 2 silos, 12' x 50' & 10' x 35', 2 implement sheds. 2 acres of land included. Small additional acreage available. $35,000. Adjacent to the farmette above.

5.44 ACRE FARMETTE with 2-story house, workshop and barn ideal for a cabin or seasonal use. Tillable land available. $25,000.

GENERAL FARM - 105 Acre 92 acre highly productive tillable land, 15 acres pasture and woodland. Very good house, barn, garage, stream. Nittany Valley near Hublersburg. $177,500. Owner Financing.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest. Picturesque with tillable and wooded acreage; 2-story house, 2-car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. $150,000. Owner financing.

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs. Small stream. Approximately 18 miles from State College. $92,500.

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton. 83 acres productive tillable land, 9 acres pasture, 89 acres woodland. Very good 2 story frame house, large bank barn, garage, hog pen. Small stream, well & 2 springs. Joins state forest land. $172,500, owner financing.

HUNTINGDON COUNTY

LIVESTOCK FARM - 419 acres (approx. 220 acres tillable, 140 acres pasture, 59 acres woodland). Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds. 3 ponds are situated near the buildings. $345,000. Owner Financing.

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland). 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 2 yrs. old. Spring water. $295,000. Owner Financing.

GENERAL FARM, 185 acres, (95 tillable, 24 pasture, 62 woodland). 2 story log constructed dwelling with frame attachment, bank barn, implement shed, outbuildings, 2 ponds, stream. $148,000.

GENERAL FARM 218 acres, (80 clear land, balance wooded). Jackson Twp Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings. Several springs, $164,500.

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very highly productive tillable). Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams. Owner financing $325,000.

MIFFLIN COUNTY

GENERAL FARM - 75 acres (63 tillable) balance pasture and woodland. A very nice 2-story house in a picturesque setting. Includes bank barn suitable for livestock or horses. $115,000.

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville. 231 acres (174 very productive tillable). Good 2 story house, bank barn, implement sheds, & like new grain drying facilities. Owner financing. $325,000.

GENERAL OR LIVESTOCK FARM - 105 acres. (100 acres highly productive tillable land. 3 acres pasture), excellent road frontage. 2-story house, barn & outbuildings $185,000, owner financing.

NEW LISTING

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland). 2- story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo, small stream. Near McVeytown. Good road frontage. $148,500.

DAIRY FARM - 91 acres, (60 tillable, 3 pasture, 28 woodland). Frame house, tenant house, milking barn with 32 tie stalls, freestall barn with 60 free stalls, 20'x60' & 16'x60' silos, implement shed and shop. Near McVeytown. $200,000.

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Cumberland Co. working dairy farm, in the Newville area. 27 tie stalls, great set-up for a family farm. 85 tillable acres, 126 total acres. Large implement shed, pond, priced to sell at $198,000.

Starter dairy farm in a fertile valley, near Mennonite schools and churches, 2 unit home, great beginning farm, $84,900

Montgomery Co. dairy farm - stone home, 5,000' road frontage, sewer, price $250,000.

General Farms

Produce farm off of Route 11 and 15. Brick home, large bank barn, pond & lovely setting. 100 acres, price reduced to $130,000.

York Co. farm, 51 acres, 38 tillable, pond, stream, nice setting, frame home. Price $145,500.

Good Soil in York Co. 173 acres, 70 tillable, no buildings. Priced to sell at $175,000.

Veal Operation on 14 acres, Mifflin Co., modern ranch home, modern 218 head calf operation or convert barns into hog operation. Priced to sell at $79,900.

Farmette Snyder Co. 10 acres, w/frame home, plus barn, priced to sell at only $45,000

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CUMBERLAND COUNTY

208 acre limestone dairy, 450 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley.

128 acres dairy and beef, 40 stanchions, 2 silos, 40x100 beef barn, modern 4 bdr. house plus tenant house. Nice setback, 2 streams. Call Mr. Niesley.

33 acres secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

11 acre with good view to develop home site or farmette. Call Mr. Niesley.

JUNIATA COUNTY

140 acre dairy, 47 free stall, 8 stall milking stable, 2 silos, modern 3 bedroom rancher. Call Mr. Crawford.

106 acre dairy, 20 comfort stalls, modern frame house, 10% owner financing. Call Mr. Benner.

60 acres of timberland. Call Mr. Benner.

20 acres of open ground. No buildings. Call Mr. Benner.

PERRY COUNTY

157 acre dairy farm, loose housing with 9 stall milking stable, modern 4 bedroom house. Call Mr. Benner.

19 acre farmette, new 2 story southern colonial brick and aluminum house, situated on ridge, fantastic view, 30x48 barn with horse stalls, stream, secluded, near New Port. Call Mr. Benner.

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124 acre general, 95 tillable, plus buildings. 2 story dwelling, bank barn.
91 acre dairy. Owner financing.

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126 acre general, restored 2 story brick dwelling, beautiful location.
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130 acre general farm $260,000.00
75 acre beef/hog farm $330,000.00
99 acre dairy with 40 stalls and pipeline $350,000.00
105 acre dairy with pipeline and 40 stalls $420,000.00
112 acre dairy with parlor $435,000.00
179 acre dairy with pipeline and stanchions $540,000.00
150 acre dairy with parlor $550,000.00
125 acre dairy with stanchions and free stalls $350,000.00

CLINTON COUNTY

184 acre dairy/hog farm. Dairy stable for 37 head, hog barn for 400 head. Modernized double house. Limestone soils. Priced to sell at $350,000.00 with 20% down and 9% financing.

SNYDER COUNTY

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REAL ESTATE

Farmette - set-up for dairy, presently milking 50 head, barn cleaner, silos w/unloaders, milk tank, etc., Assumable mortgage at 8½%, bare farm $65,000 or terms. 814-398-8073

Want to rent farmland for hay production, preferably w/good barn. Call Martin 717-235-2404 evenings.

FARM for sale. 100 acres. Turbotville, Penna area. House redecorated, modernized, insulated. Oil or wood heat. Mountain stone fireplace. Workshop, garage, barn set up for horses. 717-546-5830 (days) 717-538-1600 (eves)

Southwest Georgia Farms, Dairies and Timberlands. Contact Don Butts, Day Realty, Albany, GA (912) 435-6271

2 Adjoining Farms in Franklin Co.
77 and 105 acres, Amish farms nearby, and 71 acres of woodland
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One of better farms in Mifflin County. 150 acres tillable with 30 acres in alfalfa; 80 acres pasture. Free stalls, milk parlor. Good modern house.
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ACTIVE DAIRY FARM: 194 ac. in high state of cultivation. Beautiful stone/frame home, 2 tenant houses, 2 barns, large garage, corn crib, silos, etc. Good market location.

EXCELLENT HORSE TRAILS on this 82 ac. farm w/4 BR stone Col. 2 baths, modern kitchen, bank barn, other outbldgs., stream, area for pond.

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BELL RINGER FARM VALUE... Versatile 449-acre N.Y. gentleman's farm. Good 5-bedroom home, 2nd 3-bedroom home. Large barn, 46 ties, 26 heifer stalls, gutter cleaner, 600-gal. bulk tank, 2 silos, heated shop. 125 acres tillable, 150 in pasture, about 50 acres marketable timber, pond, sugar bush. ONLY $175,000.

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FARM LISTINGS NEEDED
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JUNIATA COUNTY
25 acre farm in beautiful country setting. 144 year old limestone house, 4 bedrooms, 7 fireplace, old cherry paneled doors in living room. Oil hot air heat. Large barn and sheds in good repair. White board fencing, meadow w/stream. This would make an ideal horse farm. Priced at $80,000.
Additional acreage available.
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50 to 1,000 acres, dairy, beef, cash crop, vineyard, hog, chicken and horse. All price ranges. Owner financing on most. 10% interest.
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185 acre modern farrow to finish hog farm. 9 room home and barn. 5 large hog buildings with pits. 30,000 bushel grain storage. Small tenant house. Would make an ideal partnership operation. A good productive corn farm. Truck scales. Many other extras. $195,000, 20% down, 10% interest or would sell for less bare.
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Highly productive 195 acre dairy farm, 55 stanchions, cleaner, bulk tank, 2 silos, shop, storage building, 10,000 bu. grain bin, 500 bu. dryer, remodeled 5 bedroom 2 bath home, excellent water supply, 40 acres in heavy woods, health forces sale, owner will finance. Farm ready to operate. Approx. 3 miles to Mennonite Church.

119 acre adjacent farm, 60 acres tillable, 40x90 pole barn w/silo and unloader. Owner will finance.

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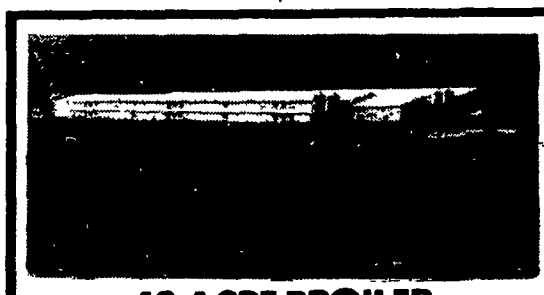
REAL ESTATE



42 ACRE BROILER & HOG FARM
104,000 bird capacity, annual income $75,000. Hog operation potential, approx. 6,000 annual @ $8 per head contract = $48,000

Very fine completely remodeled stone home, 4 bedrooms, 4 fireplaces, one of the finest kitchens you've ever seen.

Owner is willing to divide or consider any reasonable offer. Let's work something out!

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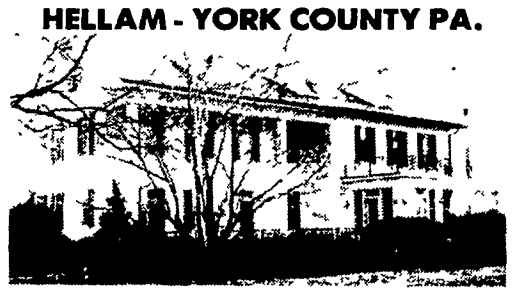

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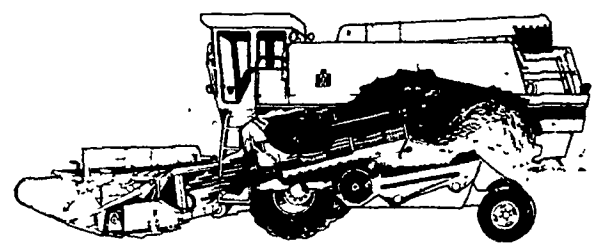

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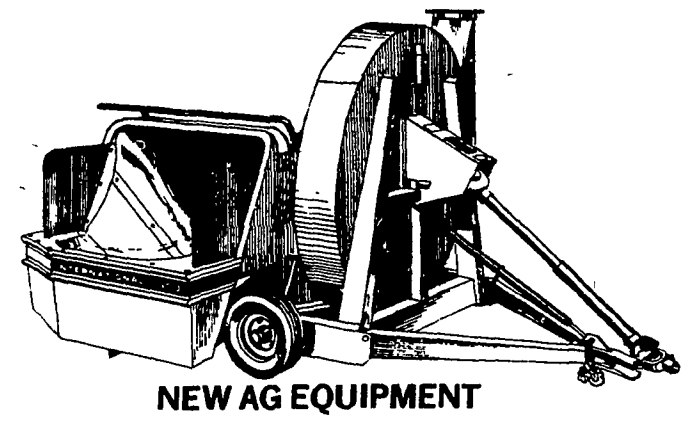

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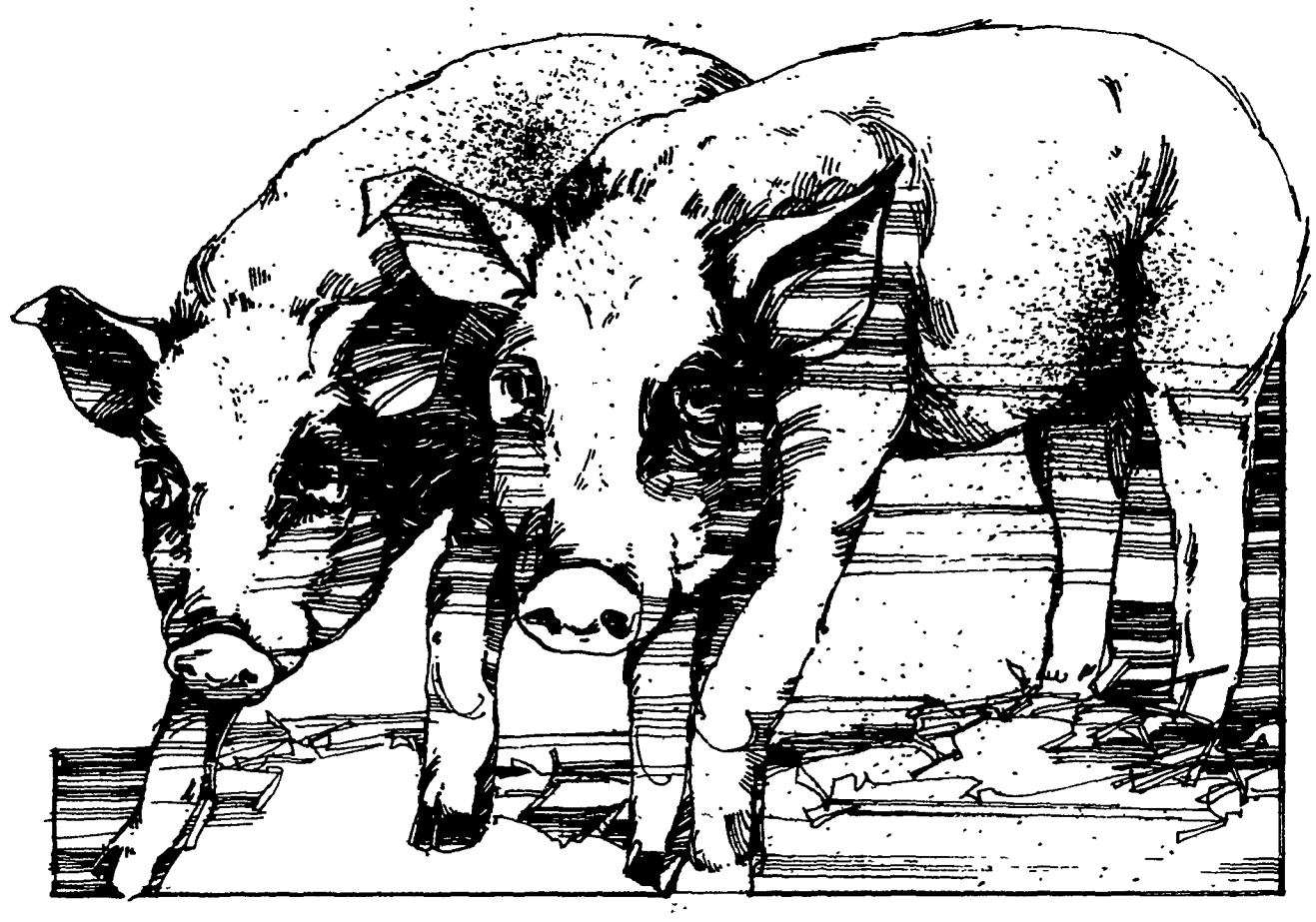

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Portrait of a champion

Park recalls ascent to black and white breeding

BY DONNA TOMMELLEO

BROOKVILLE — A few years ago, John Park was in a quandary.

The Jefferson County Holstein breeder had a couple of 3-year-old Ivanhoe Star daughters and he wasn't quite sure which one to sell.

On one hand, he had Parkacres Sun Ivy, who represented seven generations of Excellent or Very Good. Her paternal sister wrote a pedigree that included nine generations of Excellent or Very Good.

He opted to keep the Ivy cow and sold her sister to a Canadian dairy. She was resold and is now making a 24,000 pound record in Japan.

"I liked the cow family coming out of Ivy," Park explained. Just as well, because a bevy of bull calves and health problems virtually wiped out the cow family of the second Ivanhoe Star daughter.

But Park sensed something special about Ivy from the start. Eight years ago, Park wasn't vaccinating calves as a rule, but he made an exception for the big growthy Ivy, when she was a heifer.

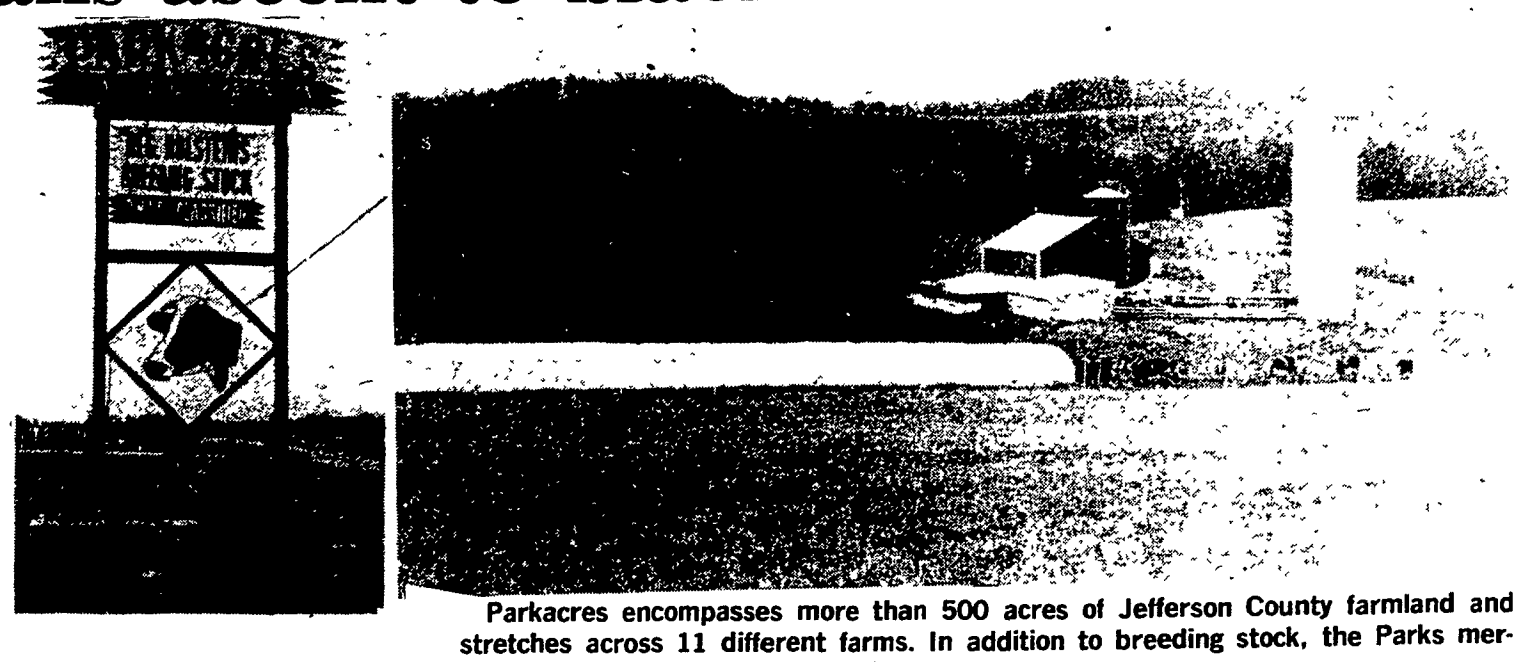
"She was always outstanding," he recalled. Unfortunately, a show judge in the Western Pennsylvania Championship Show in 1978 didn't think so and placed Ivy fifth in her class.

However, it's all academic now. For the last two years, the aged cow has been unbeatable in the state and has reigned as champion since 1981.

Although she carries the Parkacres moniker, Ivy reaps the comforts of home in Crawford County at the Ed Doeberiener farm.

"Ed has really turned her around. He's doing a beautiful job with her," Park noted. "We don't have excellent facilities to give this type of cow the individual attention she deserves."

When Doeberiener bought half interest in Ivy, the 4-year-old was scored 85 and milking just 10,000 pounds.



Parkacres encompasses more than 500 acres of Jefferson County farmland and stretches across 11 different farms. In addition to breeding stock, the Parks merchandise corn, soybeans, oats and hay.

later, Park bought three registered Holsteins for a whopping $1,100 total.

In 1957, 10 more registered Holsteins were added and in the early 1960s, four Rag Apple foundation cows came to Parkacres.

During the 1960s, Park used a great deal of Canadian bloodlines, specifically the ABC Reflection Sovereign bull.

"I appreciated the bull," he noted. "His daughters weren't as wet, but they were big frame cows with good rumps and udders."

Park recognized one other factor about the Sovereign bloodlines.

"They crossed well with Ivanhoe," he explained.

Osborndale Ivanhoe, one of the breed's premier sires, added another dimension to Park's purebred herd. He found he preffered the slow maturing Ivanhoe offspring.

"Some offspring of high indexing sires mature too quickly and burn out," Park added. A cow's index figures heavily on her first and second record, records the bull studs highly regard. But Park disagrees.

Parkacres Astro King Effie joins members of the Park clan on a balmy November day. The 5-year-old black and white is flanked by Park, left and his son Dan. Park's father Blake and mother Amelia, on the porch swing, purchased the Jefferson County farm in 1918.

Brookville Holstein breeder John Park surveys his future cash crop and replacement stock. Since the mid-1960's, Park has been merchandising approximately 20 bred heifers a year. Parkacres stock can be found around the U.S. and in several foreign countries, including Japan.

Practically a fixture in the winner's circle, the last couple years, Parkacres Sun Ivy is co-owned by Park and Crawford County dairyman Ed Doeberiener. The 8-year-old Ivanhoe Star daughter captured the State Holstein Champion title in 1981 and 1982. The Excellent 95-point black and white is a blend of Rag Apple and Ivanhoe bloodlines, which has figured heavily into Park's stock.

Today the unbeaten champ is well on her way to a 40,000 pound record and carries a hefty 95-point rating.

In addition to Doeberiener's management, Park credits Ivy's jump in production to her slow maturing cow family, one which traces back to the Rag Apple bloodlines of Canada. And it is on those Canadian roots, that Park began building his foundation stock.

John began farming with his father Blake in 1953. Their Jefferson County homestead included Herefords and Guernseys. A year

"I prefer to see a cow freshen around 12,000 or 14,000 pounds. She has to have time for her udder to develop," he said.

Projected at 40,000 pounds, Parkacres Sun Ivy, probably best typlifies the Brookville farmer's philosophy.

Parkacres sprawls across more than 500 acres of Jefferson County farmland, which includes 11 farms. But Park admitted the cropping operation may have grown faster than his labor supply. The Parkacres labor force includes Park, his sister Irene Riddle, brother-in-law James Riddle, and Park's sons David and Dan.

"We live in an area of few aggressive farmers so land can be rented for a nominal price. We can get anything we want," he offered.

What he can't get, however, is a long growing season.

"This is a 90-day corn area. And it's not uncommon to have frost on the tenth of June," said Park.

Besides battling frost, Park, like most farmers in Jefferson County and surrounding areas sustains between $5,000 to $10,000 crop losses from deer damage.

Park maintains a milking herd of 65 animals. His feeding program consists of alfalfa haylage three times a day, high moisture shell corn twice daily and second cutting alfalfa twice a day.

This year, Park belied growing conditions of northwestern Pennsylvania and coaxed a fourth cutting from his hay fields.

Since the 1960s, Park has merchandised approximately 20 bred heifers a year. Parkacres black and whites can be found throughout the U.S. as well as in several foreign countries.

And according to the man who bred them, they may start out slow.

Comets burn out quickly but stars keep on shining.

Berks lists ASC nominations

LEESPORT — Donald E. Lutz, chairman of the Berks County Agricultural Stabilization and Conservation Committee has announced that elections for Community Committeemen are being held at the present time. All ballots must be in the county office by Dec. 6. voting is being held by mail.

Each of the eleven communities in the county has a slate of five candidates from which to choose. Voters are asked to vote for three or less; the candidate getting the highest vote will be the chairman of the community committee, the next highest will be the vice chairman, third will be regular member, and the fourth and fifth will be first and second alternates.

Ballots will be mailed out with the following names:

Community 1 - Bethel, Marion, Tulpehocken Townships
John S Bray, Jr., Bethel Lawrence Kieffer Bethel, Martin C Moyer, Womelsdorf, Franklin Troutman, Womelsdorf, Bruce T Younker Bethel

Community 2 - Jefferson, Upper Tulpehocken, Penn Townships
LaVerne C Koenig, Bernville, Harvey C Krill Jr Bernville, Charles D Moyer, Bernville, Evald B Wicks Strausstown, James R Yost Bernville

Community 3 - Tilden, Upper Bern, Center Townships
Albert W Burkevage, Centerport, Roscoe Haag, Mohrsville, John M Hix, Bernville, Nicholas Kopicz, Mohrsville James W Riegel, Bernville

Community 4 - Perry, Windsor, Bern, Ontelaunee, Muhlenberg Townships
Matthew L Degler, Leesport, Ernest H Epting, Hamburg, Harry R Kauffman, Hamburg, Robert L Seidel Lenhartsville, Ronald Weyer, Hamburg

Community 5 - Albany Greenwich Townships
Clyde K A Baver, Kutztown, Brian A Bond Kempton, Carl S Miller, Kutztown, Ralph G Sanner, Kutztown, Richard C Wieder, Kempton

Community 6 - Longswamp, Rockland Maxatawny, District, Hereford Townships
Harold L Angstadt, Fleetwood George R DeLong, Kutztown, Michael J Ferry, Alburtis, Earl W Latshaw, Alburtis, Charles A. Savidge, Mertz town

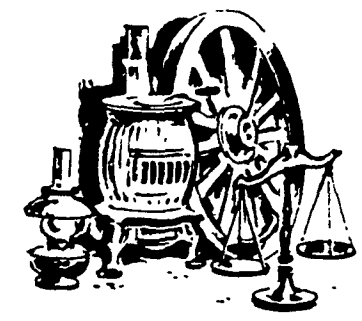
Community 7 - Richmond, Maidencreek, Ruscombmanor Townships
Warren W Berger, Kutztown, 2 Arthur F Hoch, Fleetwood, Paul H Myers, Fleetwood, Kermit C Schlegel, Fleetwood, Feryl J Treichler, Kutztown

Community 8 - Oley, Pike, Alsace, Lower Alsace, Exeter Townships
Mark H Hoch, Oley, Daniel E Levengood, Oley, Daniel E Mast, Oley, Earl Mensch, Boyertown, Marlin R Stoltzfus, Douglasville

Community 9 - Colebrookdale, Earl, Amity, Douglass, Washington Townships
Ralph Drey, Douglassville; Wilson R Hoffman Barto, Richard C Nuss, Bechtelsville, Ralph T Spencer, Boyertown, Frederick J Walters, Douglassville

Community 11 - Caernarvon, Robeson, Union, Brecknock, Cumru Townships
Gregg Eshelman, Mohnton, David L Glass Birdsboro, Titus S Kurtz, Elverson, Samuel A Schlouch, Mohnton, David O Shirey, Geigertown

Community 12 - North Heidelberg, Heidelberg, South Heidelberg, Lower Heidelberg, Spring Townships
Norman H Bare, Sinking Spring, Edwin E Geisinger, Wernersville, Charles R Kissling Robesonia, David A Schaeffer Wernersville, Forrest Stricker, Wernersville



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N.J. turfgrass expo Dec. 6-9

FLEMINGTON, N.J. — The annual New Jersey Turfgrass Expo '82 is scheduled for Dec. 6-9 at Resorts International, Atlantic City, according to Calvin Wettstein, Hunterdon's Agricultural Agent.

Expo format combines an educational conference with a trade show. A joint effort of the N.J. Turfgrowers Assn. and Cook College, Rutgers, the state university, the event is geared to the various aspects of turf production and maintenance in the state.

Turfgrass educational seminars are designed to inform and update professional turf-managers with the fundamental principles essential in establishing and managing turf for school grounds, athletic fields, golf courses, parks, cemeteries, estates and sod farms.

Fewer layer replacements reduce egg production

WASHINGTON, D.C. — During June-August, egg production was 1,422 million dozen, down 1 percent from a year earlier. With a smaller number of replacement layers, producers have been keeping their hens in the flocks longer.

This practice is expected to continue, reducing egg production through first-half 1983 by about 1 percent from a year earlier. If domestic demand and exports strengthen, production could increase slightly in the last half of 1983, predicts USDA's Economic research Service.

During September-November, egg prices will likely average 68 to 70 cents a dozen, down from 77 cents last year. During December 1982 to November 1983, prices of cartoned eggs in New York may average 67 to 73 cents a dozen, down from 70 to 71 cents a year earlier.

The expected continuation of sluggish foreign demand will likely weaken egg prices early in 1983, holding them below the strong levels of early 1982.

Car restraint systems can save children's lives

LANCASTER — In a 30 mile per hour crash, a child can be thrown forward by a force equal to 30 times his weight. If the child isn't secured to the seat, the result is tragic, says Dennis J. Murphy, Extension safety specialist at Penn State.

In 1980, 1500 children under the age of five were killed in auto accidents and thousands were injured according to National Safety Council figures.

"Many of those deaths and injuries could have been prevented if the parents had secured the child with a restraint system," Murphy said. "After all, a recent survey found that only 5 percent of young children were protected with child restraints."

One of the most important rules, Murphy stresses, is that all children under the age of 5, or weighing less than 40 pounds, should ride in a child restraint.

There are several types of restraint systems, that are designed according to the age of the child. For the infant, from birth to about 9 to 12 months old, there is the infant carrier.

This system consists of a safety seat in which the baby faces toward the car's back seat in a semi-reclining position. In an accident, shock is absorbed on the baby's back, rather than the more fragile chest and abdomen. The infant carrier is padded, has belts to secure the child, and is anchored to the car by the vehicle's safety belt.

"In a car, the baby should travel in an infant seat from day one," Murphy says. "That means expectant parents should acquire a baby seat ahead of time for that first trip from the hospital to home."

Babies should ride in an infant seat until they can sit up by themselves without support, usually around the age of 9 to 12 months. At this point, the baby is ready for the child safety seat, where he can sit up straight.

The child safety seat also can be used for toddlers, ages 1 to 4. In a child safety seat, the toddler faces forward and is secured with the auto's safety belts, as well as a five point safety harness. A tether strag helps hold the seat to the auto.

Two other types of restraint systems for the toddler are the protective shield, and the child harness system. The protective shield is a C-shaped shell that the child slips into. The shield is anchored to the car by the seat belt.

In an accident, the child is cushioned by the shield. Advantages of a shield are that the child does not have to be secured with a harness, and the shield doesn't have to be connected to the car with a tether strap.

But there are disadvantages, Murphy warns. The shield doesn't provide as much protection in a collision from the side. Also, the child can slip in and out of the shield easier than a harness system; so the child must be watched more closely.

The child harness system does not provide good protection in a side colletion. That's why it should be used with the child placed in the center of the back seat.

In a child harness system, there is no special seat for the child. The system consists of a five-point harness that is anchored by both the car's seat belt and a tether strap.

Murphy offers these additional tips on child restraint systems:

— For a child, the safest place in the car is the back seat.

— If child restraint is unavailable, at least have the child use the seat belt.

— Do not hold children in your lap while traveling. You probably will not be able to hold on to your child in an accident.

— Do not allow children to ride in the back of a station wagon or hatchback.

"There's a fringe benefit to restraining systems," Murphy adds. "With the children kept firmly in place, you don't have to deal with active children climbing all around the car while you are trying to drive."

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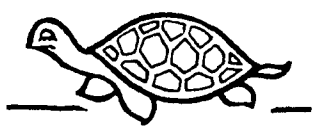

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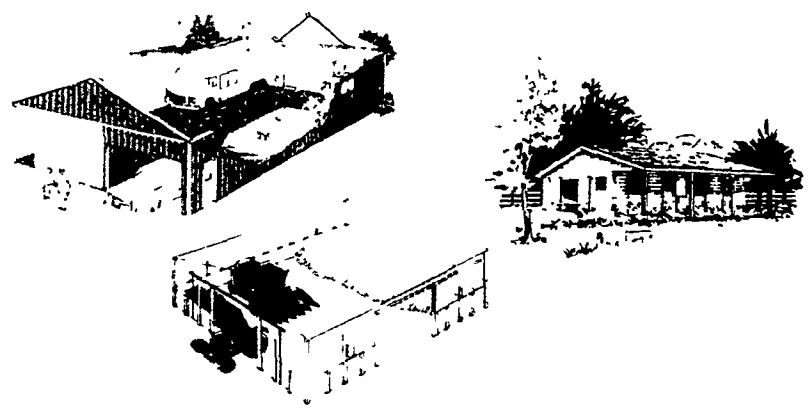

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Down on farm

Agribusiness students go down on the farm

WILLIAMSPORT — Since the beginning of the fall 1982 semester, 17 agribusiness students of the Williamsport Area Community College have spent every Tuesday at a Danville farm in Montour County.

Arriving shortly after 8:30 a.m., students spend the better part of the day gaining practical work experience at the farm.

In July, the college signed a cooperative agreement with the Department of Agriculture and the Department of Education for use of the Danville State Farm for educational purposes. Currently operated by the Department of Agriculture, the farm is the only one of ten still operated by the state.

According to James W. George, agribusiness instructor at W.A.C.C., second-year students travel from the Earth Science Campus (near Allenwood) to the farm by bus every Tuesday. Occasionally first-year students also make the trip.

At the farm, students have the opportunity to participate in all the daily chores necessary to keep a dairy farm functioning successfully. Students assist with daily chores such as milking, feeding, scraping platforms, cleaning the barn, grinding feed for the week, and spreading fertilizer. They also assist Danville State Farm employees with heat detection, caring for new born calves, making sure herd charts are kept up-to-date, and in administering medicine with the aid and guide of the herd manager.

Earlier this fall, students had the opportunity of assisting in the cutting and storing of third-cutting alfalfa. Most recently, students assisted in the chopping of corn silage for the silos. Curently, the students are getting tractors and other equipment ready for winter.

Along with the dairy, is a milk processing plant and students also gain practical experience in the phase of the operation. Students assist in processing, homogenization, pasteurization, packaging and delivery of milk. They also help with clean-up duties in the plant.

By the time they leave the farm, at 2 p.m., students have participated in a wide variety of dairy activities. The use of the state farm for education purposes is viewed as a beneficial one for the college, the community, the farmer, and the student, George said. It is the first time, W.A.C.C. has had the availability of a farm to send students to, he noted.

The Danville Farm dairy operation houses 120 milking cows with a herd average of 18,000 pounds of milk and 720 pounds of butterfat per year and is ranked as one of the top producing herds in the state. Of the 335 acres on the farm, 265 acres are tillable. Primary crops produced are corn and alfalfa.

Agribusiness at the Williamsport Area Community college is a two-year associate degree program. Agribusiness openings currently exist for a new program beginning in January 1983 at W.A.C.C. The program is designed to prepare men and women for mid management positions in an agriculture business or to work in production agriculture, either as farm owner or farm supervisor. Careers in agriculture/agribusiness include: farm management, farm operator, farm supply and garden store, warehouse manager, livestock agencies, insurance, food and produce buyers, milk co-ops, farm accounting, feed sales, seed sales, fertilizer sales, chemical sales, farm credit and banking. The agriculture courses offered in agribusiness are designed to provide students with all of the skills required to run a farm efficiently and to provide the necessary agricutlural production knowledge required for agricultural-related employment.

Students learn the procedures involved in dairy farming and livestock and crop production. Business courses included in the program cover basic business operations and business procedures which are directly related to agriculture management, record keeping, finance, and marketing. Two-hundred hours of supervised experience on approved farms or businesses are also included in the program.

Persons interested in learning about the agribusiness program or enrolling, should contact the Admissions Office, W.A.C.C., 1005 West Third Street, Williamsport, Pa., 17701. Phone 717-322-0149.

Fir from Vt. to be nation's Christmas tree

WASHINGTON, D.C. — A 35-year-old, 50-foot balsam fir from the Riley Bostwick Wildlife Management Area within the Green Mountain National Forest, near Rochester, Vt., will be the 1982 Capitol Christmas Tree.

R. Max Peterson, chief of the U.S. Department of Agriculture's Forest Service, said the tree will arrive in Washington and be placed on the west front lawn of the Capitol at 10 a.m. Tuesday. Sponsors of the tree are the Vermont Fish and Game Department and the USDA.

Peterson said this is the twelfth Capitol Christmas Tree the Forest Service has helped to provide.

Speaker of the House Thomas P. O'Neill, Jr., and his grandchildren will conduct this year's special tree-lighting ceremony at 5 p.m. Dec. 15, and members of the Vermont Congressional delegation will attend.

Nearly 10,000 lights and ornaments will adorn the tree. The office of the Architect of Capitol is in charge of decorating the tree and the lighting ceremony.

The public is invited to attend the ceremony, which will include a variety of seasonal music from the Murrah High School Singers from Jackson, Miss., and a section of the Air Force Band. The tree will be lighted each day between 5 p.m. and 10 p.m. until Jan. 2.

This year's tree is the second Capitol Christmas Tree to come from Vermont. The first was in 1980. The tree will be cut with a two-man cross-cut saw on De. 4, by Vermont Gov. Richard Snelling and Rochester native Richard Curtis.

The tree was planted and groomed to become a Christmas tree by the late Riley Bostwick of Rochester. He once owned the land which is now the Bostwick Wildlife Management Area.

Peterson said the tree is a gift to the nation from the people of Vermont, symbolizing the "hope, peace and goodwill of the holiday season." The labor, equipment and transportation required to get the tree to Washington were donated by many individuals and organizations.

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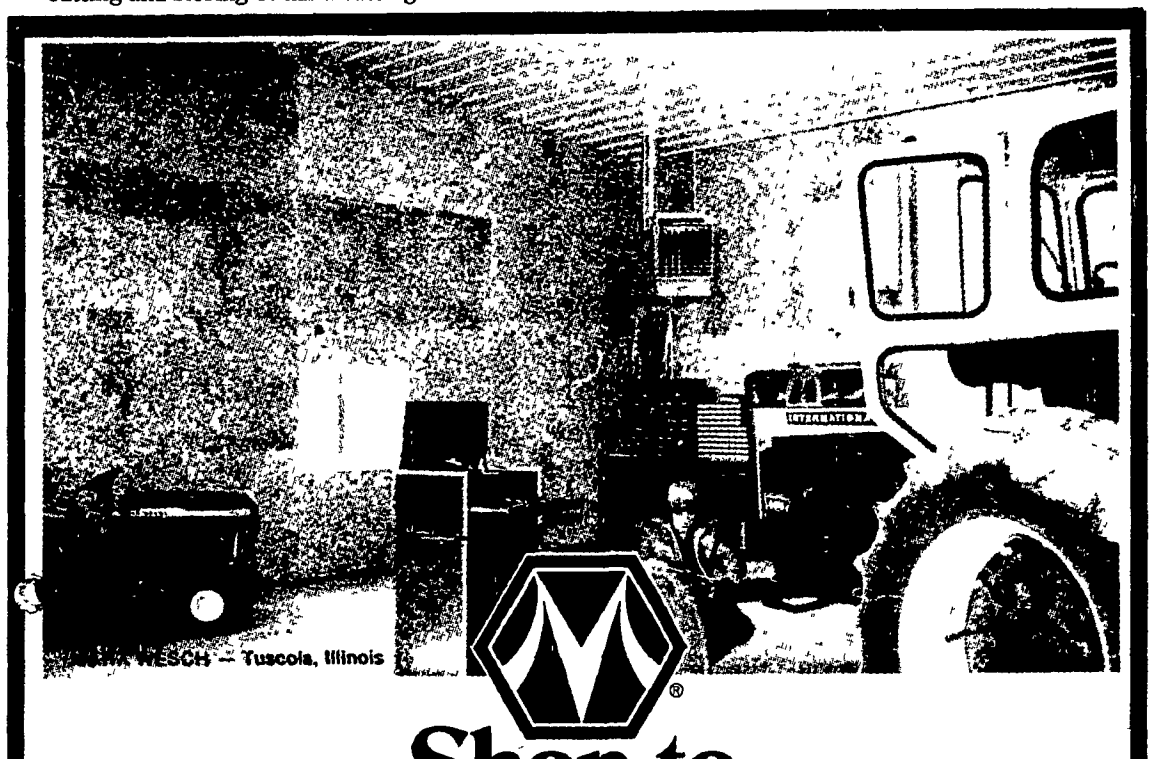

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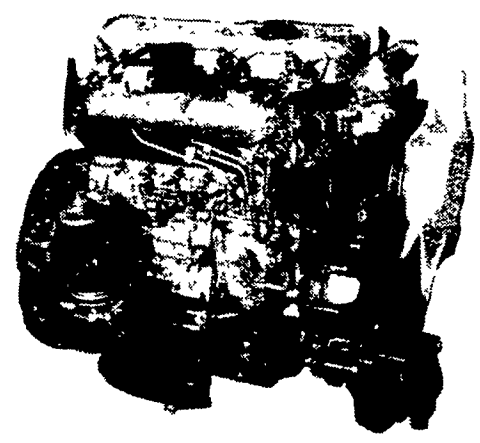

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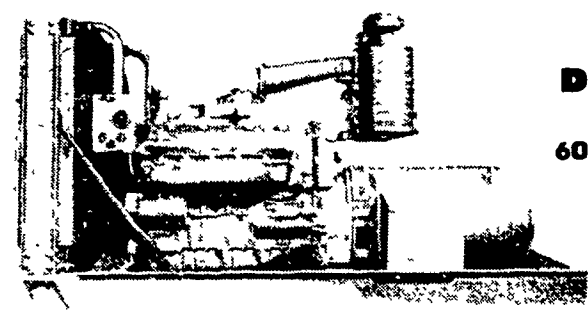

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Vermont is 13th brucellosis-free state

WASHINGTON, D.C. — Vermont is the 13th state to become free of brucellosis under a new system — in effect since May — that classifies states by level of infected cattle herds, a U.S. Department of Agriculture veterinarian said.

Billy G. Johnson, acting director of the national burcellosis eradication program for USDA's Animal and Plant Health Inspection Service, said the "free" rating means Vermont has had no known brucellosis infection for 12 months or longer.

Other "free" states are: Alaska, Connecticut, Delaware, Hawaii, Maine, Maryland, Michigan, New Hampshire, New York, North Dakota, Rhode Island and Utah. The U.S. Virgin Islands are also classified as "free."

"Properly identified breeding cattle from these states do not have to be blood tested for shipment within or out of state," said Johnson. "For out-of-state shipments, however, a voluntary test 45 to 120 days after arrival is recommended because of possible exposure enroute.

"Shipping breeding cattle within or from states that have not reached 'free' status calls for additional testing requirements," Johnson said. "In all classes of states, some cattle from non-quarantined herds are always free to move without prior test."

These include cattle from certified-free herds, all cattle under 18 months of age, vaccinated beef cattle under 24 months of age and vaccinated dairy cattle under 20 months of age — if not pregnant or already calved — and cattle shipped directly to slaughter.

Also, steers and spayed heifers may mover without tests — even from quarantined herds — because they are rarely affected by brucellosis and cannot spread it.

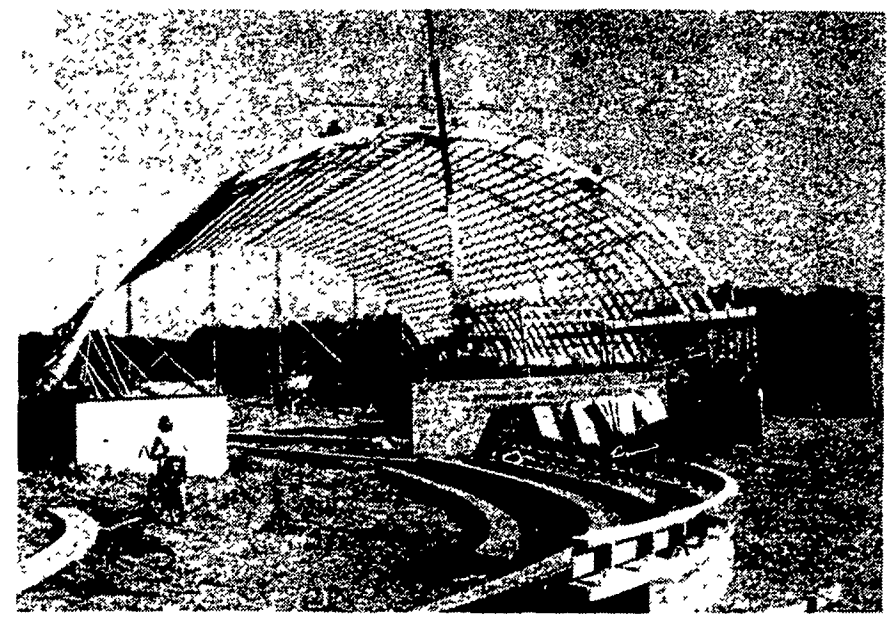
Brucellosis, or Bang's disease, is a bacterial disease of cattle and other animals which can be transmitted to humans. The disease attacks the reporductive system of animals, causing abortions and breeding problems that result in reduced calf crops and lower milk yields. Infected animals must be slaughtered because there is no treatment.

Human brucellosis, sometimes called undulant fever, is treatable. Though mainly an occupational risk for livestock handlers and slaughter plant workers who contact infected animals or their freshly killed carcasses, the disease can also be contacted by drinking unpasteurized milk.

Road hunting unlawful

HARRISBURG — Pennsylvania deer hunters are warned that game protectors will prosecute those who hunt from vehicles, and will arrest those with loaded firearms in their vehicles.

The Game Commission warns that this conduct won't be tolerated. Hunting should be recreational and sporting, and there isn't anything recreational or sporting about road hunting.



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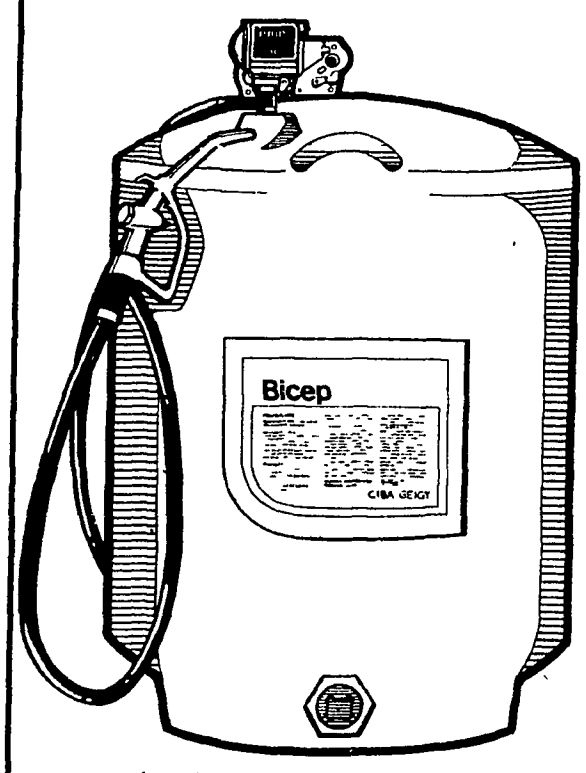

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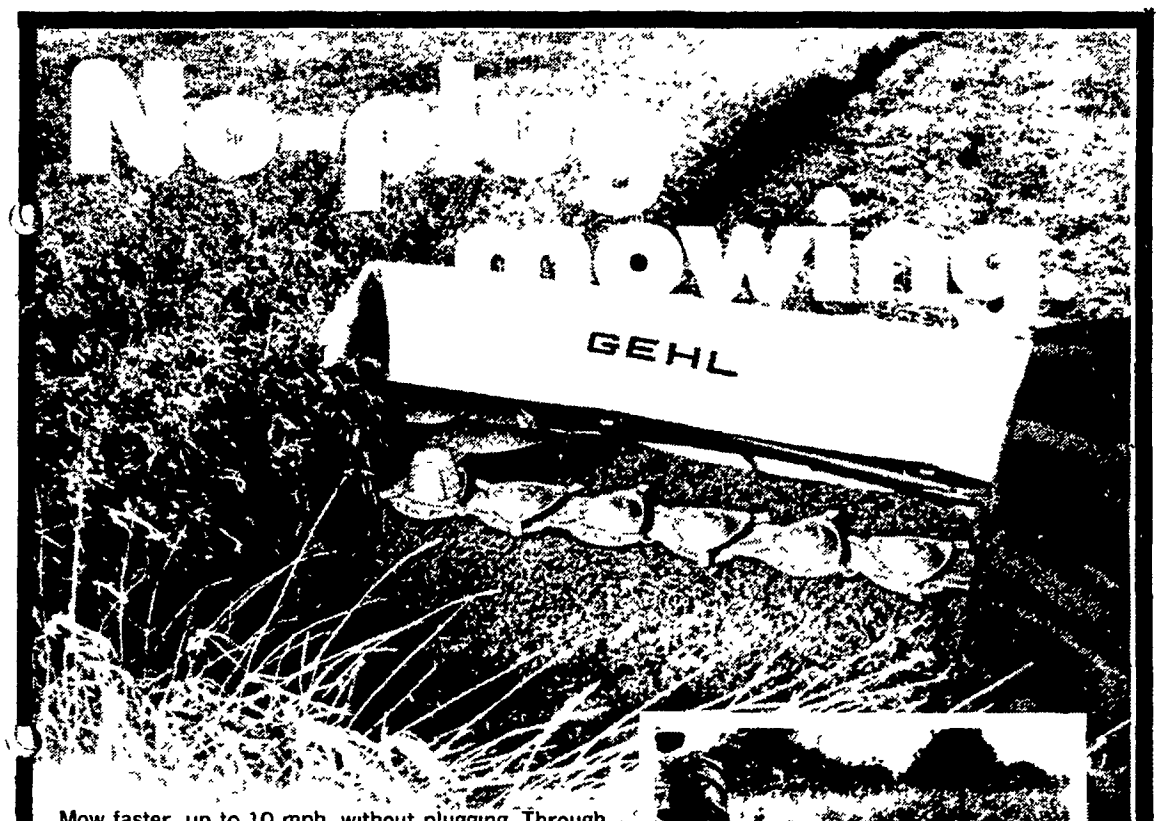

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USDA scientist receives research honor

WASHINGTON, D.C. — Richard D. Durbin, who found a key to understanding why microbes cause plant diseases, was recently named "Scientist of the Year," a new award at the U.S. Department of Agriculture.

Terry B. Kinney, Jr., administrator of the USDA's Agricultural Research Service, will present plaques to Durbin and regional winners, at a senior staff conference here Nov. 16. In addition to the plaque, Durbin will receive $5,000 in cash and up to $40,000 in equipment and other support for his research.

Durbin is a plant pathologist and specializes in plant disease resistance for the USDA at Madison, Wis.

A panel of scientists from outside the USDA agency selected Durbin for the top honor from among the regional winners. Durbin works in the research agency's north central region.

Other regional winners are Richard R. Hill, agronomist, University Park, Pa., northeast; James E. Duffus, plant pathologist, Salinas, Calif., western; and Paul E. Bishop, microbiologist, Raleigh, N.C., southern.

Kinney said Durbin is the first scientist to win the new national award, which USDA established to honor "distinguished scientists for their contributions to agriculture, although they often work quietly behind the scenes with little fanfare."

The goal is to encourage research excellence in critical food and agricultural sciences.

"Studies started by Durbin in 1967 have led to increasing science's understanding of the control of plant diseases caused by toxins or poisons that parasitic microbes secrete in plants," said Kinney.

Durbin and his colleagues were the first to correctly determine the structure of tabtoxin.

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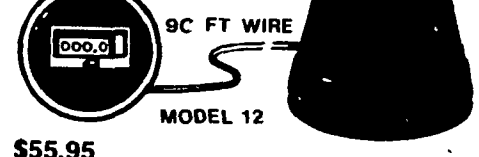

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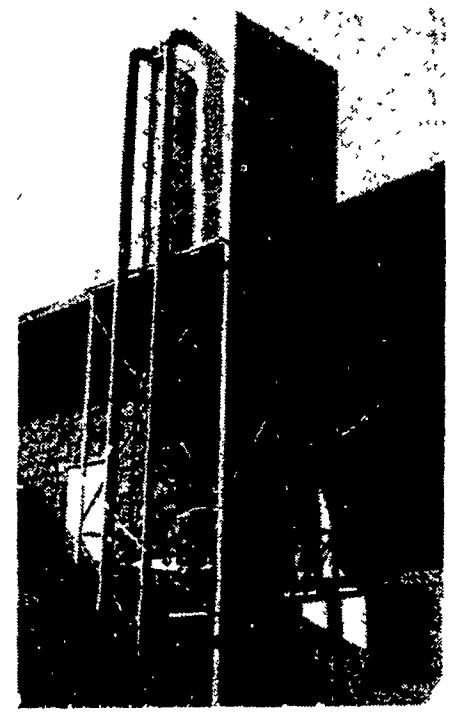

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The Milk Check

TOM JURCHAK
County Agent

Now that the elections and the 45 day "comment" period are over, nothing seems to have changed much as far as finding a national dairy program that would provide a lasting solution to the problem of high price support costs.

A lot of farm organizations and co-ops encouraged letter writing campaigns showing producer opposition to the 50 cent assessment scheduled to start December 1 but little was suggested to replace it except the same variety of proposals made by all the same organizations before the present program was passed. It wasn't hard to figure out why producers were against the assessment but no one came up with workable alternatives to take its place.

At least there was no consensus in the dairy industry of what was wanted that everyone could fight for. It's alright to be "against" an idea but nothing gets accomplished unless we're "for" something.

Maybe the flood of letters or one of the law suits filed against it will delay or even stop the assessment but either way we won't be any nearer a lasting solution than we are now. The answer isn't simple and the solution won't be easy but unless we can agree on a program I'm afraid that someone else may do it for us.

We might continue our delaying tactics long enough to allow other organizations such as the Community Nutrition Institute or the National Association for Milk Association for Milk Marketing Reform to seize the opportunity not only to eliminate the price support program but to dismantle the Federal Milk Marketing Orders.

Half a Loaf

Even pressing for some of the things that the administration suggested six months ago would be helpful. None of them alone could be called a solution but together they could be significant and half a loaf is better than none.

Things like selling dairy products to Russia or other foreign countries who will pay; using American dairy products in our military posts in foreign countries; impose countervailing duties on imports subsidized by other countries; change the composition of milk to sell more powder and most importantly, restrict casein imports for use in imitation dairy products while putting more producer dollars in promoting the real thing can still be helpful and are possible if we put as much effort into them as we did in opposing the 50 cent assessment.

Public Sales

A public auction of real estate and antiques was held Nov. 18 by Emma M. Myers, 61 Poplar Street, Intercourse, Lancaster Co.

The real estate consisted of an 11-year-old 3 bedroom brick rancher with a 2-car garage which was sold for $60,500.

Other prices included: oval glass china closet $1,000, blanket chest $390, Coppertone side-by-side refrigerator $360, jelly cupboard $260, riding mower $200, automatic washer & dryer $185 each, shelf clock $110, tramp art mirror $80, post card album $80 and rag rug runners $42.50 each.

Auctioneers were Ira Stoltzfus & son and Jay M. Leary.

xxx

A large two-day public sale of real estate and household goods was held Nov. 19 and 20 for the John E. Landis Estate, 691 Hartman Station Road, ½ mile north of Witmer, Lancaster Co.

The real estate included a 1½-story brick house on a 1-acre lot at 691 Hartman Station Road which was sold for $48,400 to David R. and Judy A. Andrews, Bird-in-Hand, Pa. Two landlocked parcels of woodland were also sold. A 9-acre plot in East Earl and Salisbury Twps. sold to Dennis R. Miller, New Holland for $14,800 and a 3 and 4/10 acre lot in Earl Township sold to Galen Hibshman, R3 New Holland, for $3,100.

Other items sold were: dropleaf table $590, dry sink $360, chest $170, bureau $210, 6 plank-bottom chairs $95 each, matching settee $400, rocker $135, copper kettles $160 & $200, butter churn $105, metal-wheeled tricycle $130, coaster sled $120, cheek basket $145, rolltop desk $1450, quilts $520 up to $830, 5 gal. crock $165, Alabama coon toy $140, 17-jewel Hamilton watch $130, Haviland china set $300, china mantle clock $240 and hurricane lamp $160.

Robert E. and Jeffrey Martin & Frank L. Steller were the auctioneers.

xxx

A public sale of horse drawn farm equipment and livestock was held Nov. 19 by Abram L. and Anna Mae King, 1 mile north of White Horse, Lancaster Co.

Prices included: spring wagon $520, manure pump $925, manure wagon $550, N.H. 272 baler $1100, J.D. 660 rake $925, J.D. corn binder $610, Farmall Super M tractor $1020, N.I. w/Wisconsin engine crimper $3,000, bedding chopper $1,065, charger $11.50, mule $1,400, pair of mules $3,375, harness $80, collar $47.50, bridle $68, 3 DeLaval milkers $420, alfalfa hay $58 per ton, breeding chart $95, heifers $700 & $660 and bucket $160.

Steve Petersheim was the auctioneer.

xxx

A public sale of 8 parcels of woodland was held Nov. 20 by C. S. Staats, Jr. and family located in Honey Brook Twp. and partly in West Cain Twp., Chester Co. This property is approximately 3 miles south of Honey Brook.

Parcel #1 consists of 8.797 acres and was sold for $19,000.

Parcel #2 consists of 8.534 acres and was sold for $18,000.

Parcel #3 consists of 11.29 acres and was sold for $15,500.

Parcel #4 consists of 11.509 acres and was sold for $15,000.

Parcel #5 consists of 13.652 acres and was sold for $16,500.

Parcel #6 consists of 9.862 acres and was sold for $19,500.

Parcel #7 consists of 16.964 acres and was sold for $15,000.

Parcel #8 consits of 9.450 acres and was sold for $8,500.

Elton and Alvin Horning were the auctioneers.

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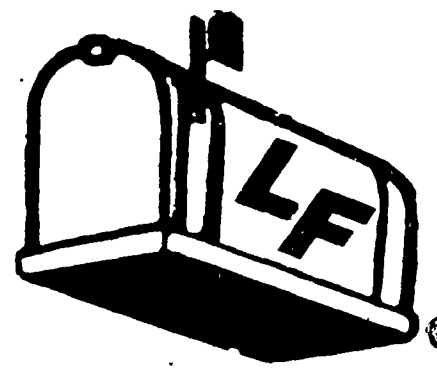

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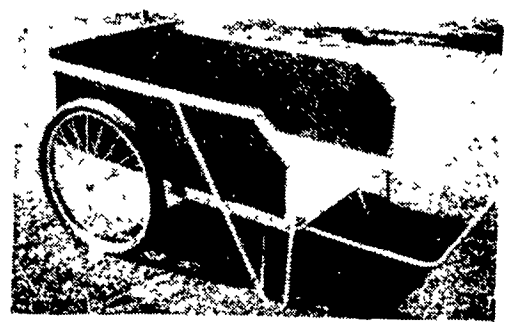

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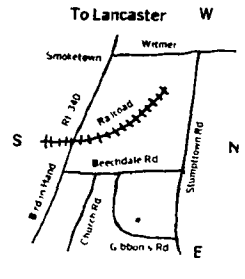

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For Sale - AC D21, series 2, fully equipped, low hours, best offer. Phone evenings. 717-568-7271

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JD 4400 combine, 4 row wide, 13' flex platform, 1700 hrs., air and heat, good cond., 301-836-1916 or 301-452-5150

For Sale - One 8' V snowplow. Wanted - Short block and crank shaft to fit Super M Farmall. 717-436-2255

For Sale - IH 1150 grinder mixer. 717-966-3919 6-8 mornings and 6-8 evenings.

AC Gleaner rotary combine, 6 row head, like new, Lanc. Co. 215-593-6434

For Sale - 2 row rear mounted AC cultivator, $600. CHC Farms, Union Co. 717-524-9633

FARM EQUIPMENT

Farmall Cub tractor with 5 attachments, $2200. MH 30 tractor, good cond., $600. 301-848-1272

630 Bobcat tractor, 1978, 54" bucket with flotation tires, $7200. 215-543-7433

B.F. Avery "A" with hydraulics, plow and cultivators, exc. cond., $750 or best offer. 301-549-1272

Oliver 500 tractor with live PTO and 3 pt., 2000 hrs., exc. cond., $2550 or best offer. 301-549-1272

Case Uni-loaders 1537, LP gas, new paint, new bucket, rebuilt engine. 1740 diesel, new paint and pulley. T & T Supply, Danville, PA 717-275-0927

Gleaner C2 combine A-1 condition, both grain and corn heads. 302-653-7586

JD 3020 gas, wide front end w/48" loader, $4500, 717-587-4839

MF 510 hydro. stat combine in excell. cond., 1466 IH and 1086 IH w/cab and air, 717-547-2387

Used New Holland Forage Wagon - excellent condition, Venus, PA, Venango County Phone 814-354-2139.

1955 JD tractor B, 3 pt. hitch, power t-off, $1300, 609-696-3661

1 - John Deere Model 50 mounted corn sheller last model made, can be used with 237 or 227 picker all mounting brackets, very good condition; make offer call 1-717-244-4544 between 9:00 A.M. to 5:00 P.M.

Woods model C80 mower, 3 pt. hitch, good condition. Baltimore County. 301-592-2484 or 301-592-2702

For Sale - New 11.2x28 tractor tires, $125, 717-752-5108

JOHN DEERE

NEW EQUIPMENT
JD 650 Tractor
JD 750 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details.
MILLER'S SALES & SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

20 Century welder, 295 AMPS, $300, 125' welding cable and 145' welding cable, $100 each, ½" table drill press, $125, evenings 717-687-0204

Long 610 tractor with snowplow, 500 hrs., $6500; 1978 Plymouth Fury, auto., 53,000 mi., 4 dr., black, $2195; York 10' pull type stone rake, $475; 1700 watt Homelite generator, $275; 3 pt. saw buck, homemade, $100. Crossley Bros. 215-845-7332

Special winter discounts on Shivvers grain drying equipment. Phone Agri-Equipment, Inc., at 717/656-4151

For Sale - One JD 2940, 4 wheel drive, good condition, 717-776-7725

Special winter discounts on Shivvers grain drying equipment. Phone Ryder Supply at 717/263-9111

2 Farmall M tractors w/bucket, one IH 400 Cyclo 4 row corn planter, one IH 3 bottom trailing disc plow w/hydraulic lift, one IH 370 12' disc w/mulcher attachment, IH 58N 8' disc, one IH 153 4 row cultivator, one 165 gallon 8 row weed sprayer, 22' steel flatbed truck body. 215-666-5410 after 6 p.m.

Brillion seven shank three point chisel-plow new 1982 fouteen extra coverboard shares $1,100. International 720 semi-mounted four 18" bottoms automatic-reset plow all new moldboards, shins, shares, landsides, steel coverboards, extra plow parts. Clean $4,800. 717-653-1625

JOHN DEERE

USED TRACTORS
AC D15 w/Cult. & Plow
Ferg. TO-30
JD 4640, Cab, Air, AM-FM, Duals
JD 2640, RG and Canopy, Hi-Lo
JD 50
JD "A"
Ford 9N
Oliver 70

ELEVATOR
New 24' Hub Elevator - $1,200
Used 36' NH Elevator - $595

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New NH 353 Grinder Mixer, Complete

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Woods 80, Pull & 3 pt. - $995 to $1200!

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JD 6620 Combine (Reg.)
JD 6620 Combine (Side Hill)
• Choice of Heads •

NEW EQUIP.
3 Pt. Blades
Hayban Corn Sheller, 3 pt. PTO - $1,850

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Used Fertilizer Box
Hyd. Augers - Engine Driven

USED TAYLOR HI-EFF. DYNAMOMETER
For Tractors 130 And 200 H.P.
SPECIAL
$495

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Rt. 143,
Lynnport, PA 18066
PH: 215-298-2011

FARM EQUIPMENT

John Bean orchard sprayer, new FMC pump, 34" fan, electric valves and controls, slip over nozzles, propane powered, including dual 100 lb. saddle tanks, running condition, $3,500. 215-262-3674 7:30 A.M. - 5:00 P.M.

1981 MF 1440 round baler, used 1 season, superb condition, priced low for quick sale at $5300/offer. Serious buyers call collect 703-347-0191 after 8 p.m. weekdays, anytime weekends.

For Sale - Ford 2 rw mtd. cornpicker for parts $100, 8x16 haywagon w/running gear $500, Ford 960 tractor needs work on motor $800, call 717-838-1894

For Sale - 25 ton hoist, 2 cylinder, complete. Chester Co. 215-932-3710

Manure spreader, unusual spreader, unusual front unloading type, PTO driven, wooden box, was used for mulching strawberries, good condition, $200. 215-262-3674 7:30 A.M.-5:00 P.M.

Wanted to buy - Rough or parts MF 1150 V8. 607-642-8688 or 8519

Horn-O-Plenty Magnetic cattle feeder, double, on 3 ton bin, like new $1400. Also 6 ft. Gehl flail chopper, excellent condition. $2500. 717-243-4796 Cumberland County.

USED EQUIPMENT

AC D15 Tractor
NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters:
(2) 770 w/heads
(1) 717 and (1) 718
NH Super 68 baler

Special Sale
Low Acreage Machine
AC Model L
Gleaner combine w/4 row corn head and 15' grain platform

Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT

802 Uni power unit
767 Uni chopper
766 pickup head
768 corn head
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
2 Hesston round balers
2 323 NI corn pickers
NI 213, 214 and 245 manure speaders

AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(2) 5050
(1) 2600 disc
(1) 2500 disc

AIRVILLE EQUIPMENT, INC.
P.O. BOX 37
Airville, PA
717-862-3967

FARM EQUIPMENT

Rotary mowers, Mohawk 960, 8' cut, self-leveling, good condition, $600. Also old Brillion, 5' mower solid condition, $200. 215-262-3674 7:30 A.M. - 5:00 P.M.

For Sale - Farmall 300 w/TA, pulley gear, weights and good rubber. Good cond. w/fresh paint. Also 2 pt. hitch to fit 300 or 350, will sell hitch for $225. 717-464-2874

For Sale - JD 3020 gas, WFN, SR transmission, 16x9x34 tires. 1,511 original hrs., $4500. Also 1520 JD gas, high clearance, JD roll guard, 1,511 hrs., $4500, both tractors in good cond. 717-532-8601

1982 MF 265 diesel tractor, 500 hrs., immaculate condition, listed well below book for quick sale, $21,700 new w/accessories, now $12,500/offer. Serious buyers call collect 703-347-0191 after 8 p.m. weekdays, anytime weekends.

JOHN DEERE

USED EQUIPMENT IN STOCK

JD 4630 Cab, Air, QR
JD 216 Flex Platform
JD 220 Flex Platform
NH 278 Baler
Sunmaster 7½' Mower
Ford 10' Heavy Duty Rear Blade
JD 950 Roller Harrow 12'
JD 400 Rotary Hoe 20'
JD RM 630 Cultivator
16.9x28 Duals
GE Electrak Lawn Mower
JD 214 Lawn Mower

Cooper Ent., Inc.
Box 12 Cecilton MD
301-275 2195
Evenings Call Gary 301-885-2248

FARM EQUIPMENT

For Sale - JD 2940 tractor; Oliver #314 cushion trip plow $285. 717-733-0575

Cockshutt 30 tractor w/30" rear tires, exc. cond., good motor, 3 pt. hookup, $700. Small single row cultivator and tractor, $300. 215-267-6497.

Case 430D late, $2,450. Ford 8N side dist., $1,750. Cub w/mower, $1,275. JD 3020 side console, $7,250. AC HD-11 w/blade, $3,900. Case 770D power shift, $7,500. Kubota L175 w/mower, $2,750. Farmall MD $775. Case SC w/buzz saw, $995. Case 1030, $4,400. IHC 504 3 pt., needs clutch, $2,850. 607-642-8688 or 8519.

Used 1977 K2 Gleaner combine w/cab, monitor, 10' grain head, 2 row corn head, excellent $18,000

676 NH manure spreader w/hydraulic end gate $1,800

White combine 8600 w/4 row narrow corn head $17,000

New Kasten wagon w/ roof 3rd beater, 8 ton running gear, 11L15 tires, $4,200

New 238 NH 12 ton running gear, 11L15 tires and tubes $1,650

IH 400 w/2 MH mounted picker $2,700

4 bottom JD semi-mounted plows, $700

Oliver 1365 power steering, 4 wheel drive, front end loader, $8,000

Used 328 NH manure spreader $900

FARNSWORTH SUPPLY
103 Cemetery Street
Hughesville, Pa. 17737
717-584-2106

FARM EQUIPMENT

For Sale - Farmall 240 utility w/fast hitch, Farmall Super C, Pittsburg 12' transport disk, NI 30' elevator, IH 2 row fast hitch cultivator, NI #402 hay rake, McCormick #100 manure spreader, all field ready. 215-562-4464

For Sale - Slanzi diesel, good condition, also slow speed 7 H.P. Lister, good condition. Stephen L. Stoltzfus, Honey Brook RD #2, Box 64-A 19344 Chester County, Pa. 19344 1½ miles South of Honey Brook along Rt. 10

Ford Tractors Equipment
AVCO
NEW IDEA
HESSTON

SPECIAL
New.NI 323 Picker

USED EQUIPMENT

Oliver 1850
Oliver 5 Btm auto reset plow
Bush Hog 12 Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25 Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl Hydro, air
White 8600 Combine dsl hydro, air
NH 320 Baler
1068 Haybuster no till drill (demo)
Fox 728 2R Corn Head
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Tree Farmer Log Skidder Diesel $5500.00, 1974 Case 800 Skidder $8500.00 Franklin Skidder $4500.00, Others, Trade, 814-793-2829 Curry Supply

USED FARMHAND GRINDER-BLOWER
ALSO
FARMHAND TUB GRINDER

Tractors

AC 440, 4 Whl. Drive, Demo., like new
AC 190
AC 180 — IH 504
AC D19 — IH 300
AC 7030 — IH 450
AC 7040 — IH 340
AC 7050 — IH H
AC 7000
JD 2010 — JD B
JD 4010 — JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
New Gleaner L Combine
Used Miller Discs 8'2', 10'
New Rotary Scythe
Used Rotary Scythe w/engine

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717-786-7318

FARM EQUIPMENT

For Sale - MF 1085 dual hydraulics three PT 38" rubber. John Bean high boy sweet corn sprayer. 717-587-2659

Wanted - Wrecked or broken down Farmall Super C or 200 with fast hitch for parts. 717-629-0403

case

Used TR 70 NH Combine w/6 row head and 13' grain head, fully equipped, 1,000 hrs. good cond. $32,500 cash price

Oliver 55 Tractor w/Heavy Duty Loader $2695

John Deere 4320 Tractor in good cond.

Hesston PT 10 Haybine, Real Good

New Athens 12' Disc Harrow $5,000

New 8' Dunham chisel plow $1695

Plus
Used Haybines, Manure Spreaders, and other good used equipment available.
Check with Ted on New Holland FREE FINANCE arrangements

Paul Shover's Inc.
35 E. Willow Street
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717-243-2686

FARM EQUIPMENT

JD 730 diesel, electric start, 3 pt. hitch, fenders, exc. cond. 814-793-4293

JOHN DEERE

USED EQUIPMENT
JD 4030 Tractor Diesel
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 215 Disk
JD 2450-7B-16" On Land Hitch Plow

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NH 315 Baler w/ejector
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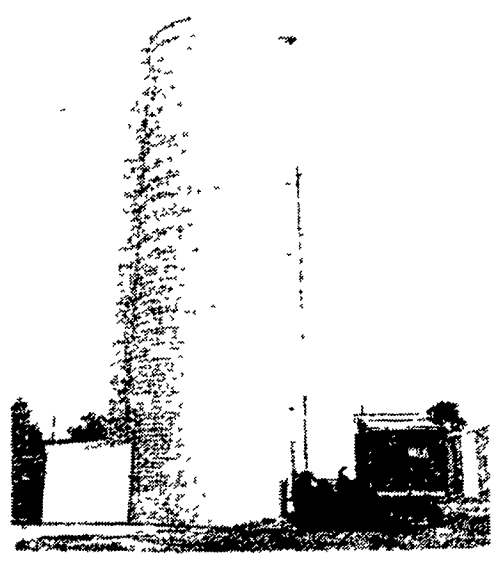

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1 - 16" Silo Matic Unloader Basic Unit . $1000.00
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1 - New Idea Single Row Snapper Picker..... $3000.00
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Ritchie Hog Waterers
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#54 - List $10,800.00 SALE $6800.00

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Ford 8N loader backhoe
Ford 7000 w/Load Monitor
Ford 5600 low hrs.
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Ford 4200 D SOS
Ford 4000 SU w/roll bar
Ford 3400 w/Loader
Ford 3000 G 8 Speed
Ford 901 w/2R Picker
Ford 800 PS w/Snow Plow & Cab
IH 666 D WFE
IH 504 G, 3 pt.
IH 454 Dsl.
IH M w/PS
IH Cub w/mower
AC 5040
AC 160D
AC D17G Ser. IV
AC B w/Equip.
AC G w/equip.
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 77 w/hydraulics
Oliver 70 w/cultivators
Oliver 660 w/hydraulics
JD 3010 Diesel
JD 2640 WFE
JD 2510D
JD 2010 Gas
JD B w/cultivators
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT

NI 323 Picker
IH 2 MH Picker
Ford Post Hole Digger
JD Flail Mower
JD 115 Wagon
NH Flail Chopper
MF 33 Grain Drill
NH 477 Haybine
JD #34 Chopper

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT

NEW EQUIPMENT

WHITE -
2-155 tractor w/cab
2-110 tractor w/cab
2-85 tractor
2-55 tractor
508 5 Bot. SAR Plow
588 5 Bot. SAR Plow
598 6 Bot. SAR Plow

GEHL
FB 99
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader
1400 Round Baler (Demo.)

NEW IDEA-
No. 177 41' Elevator
No. 213 Spreader
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
279 CutDitioner
325 Cornpicker w/327 Husking Unit

New Little Giant Portable Rollaway Elevator

USED EQUIPMENT

FB 88 Gehl blower
Gehl CB 600 Harvester w/2 Row Head
NH 880 Harvester w/3-Row Head
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
Int. Model 51 For. Box, 14 ft.
Gehl 910 For. Box

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Massey Ferguson

USED EQUIPMENT

MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine w/Cornhead & Grainhead
Farmall Super C
MF 1105 Tractor
MF 33 Drill, Like New
NI 323 Picker
NI 214 Spreader
King Wyse Elevator
NH Elevator

NEW EQUIPMENT

MF 205 Tractor
MF 245 Tractor
MF 275 Tractor
MF 285 Tractor
MF 294 Tractor
MF 1010 Tractor
MF 30B Tractor Loader
MF 2675 Tractor
MF 33 Grain Drills
MF 345 Plow
MF 620 Disk
NI 177 Elevator
NI Manure Spreaders
MF 226 Blade

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Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

1977 - Melrose Bobcat 721 Diesel Hydrostatic Skid Loader $5495.00 Thomas 721 Diesel Bobcat Skid Loader $5975.00 Trade, 814-793-2829 Curry Supply

SAME
AVCO NEW IDEA

FOR SALE

SAME Saturno 80-80 hp, 4 WD tractor, 920 hrs., SOLD Hardy loader, $11,985
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Stauffer 16' 2 btr. forage box with 8 ton gear, good cond. $990
Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, $2,560 good cond.
Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)
NI #323 1 row picker, like new, 90 acres, $4,300
IH #580 manure spreader, hyd. endgate, Gratz chains, good cond. $3,600

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

FARM EQUIPMENT

10' Miller disc, good condition. 814-793-4293

Pincor 15KW PTO alternator on 3 pt. hitch, like new, $895, 250 gal. fuel tank w/pump $125, 717-569-9284 evenings.

JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

Win Power alternator 40-25 KW, single or 3 phase plus double pole, double throw, 200 amp switch, $2000, 717-386-4899

Glencoe SS P-5 soil saver one year old $3600; NI Hay Rake $300; JD 520-27' boom sprayer $1150. Call 215-946-4407

Corley lumber sizing machine $500
DENNIS M. MILLER
Rt. 22 Grantville, Pa
717-838-1888 anytime
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JD 4000 diesel, side console, 72 model, 814-793-4293

Prentice Knuckle Boom log loader mounted behind cab on 66 Intl. tandem with log bed, good condition, hauling daily, $8,500. 703-721-3408

FARM EQUIPMENT

JD 4020 Diesel, wide front, pwr. shift, side consoles, $7800, 717-532-7054.

For Sale - JD Cyclone A, 12 volt, hydraulics, good tires, in good overall cond., asking $825, call after 5 p.m 215-562-4220

For Sale - NH L35 Skid steer loader w/pallet fork, has never been in manure, in A-1 condition, $4,500. 717-532-8601

For Sale - Wide front end for Farmall 06, 56, 66 series tractors, very good condition, $550. 717-624-7585 office. 717-624-2429 after 7 p.m.

IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

For Sale - combine NH TR 70 6 row corn, 13' grain. Tractor IH 1466 cab air and duals. Disc heavy Sunflower, 16' Plow IH 6-18 auto. reset. Chisel plow IH 13 shank. Elevator NI 36' w/grain chute used very little. 301-666-0079 before 8 a.m.

FARM EQUIPMENT

For Sale - JD 520, PS, 3 pt., NFE, excellent condition, 914-355-4571

JD 3020 diesel, wide front w/rollguard 814-793-4293

JD 4020 tractor w/new tires $7500
JD Mower Conditioner $3000
NI 8½ ton Model 244 Spreader w/endgate (new)...$7000
AC 4 Row Narrow corn head for model G...$3000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

Franklin 132 AXL log skidder w/3-53 Detroit engine, 4 like new Firestone LF-2 tires. A set of ring chains, machine in good cond., asking $15,000, call after 6 p.m. 717-248-1827

Ford 3400 backhoe and loader. 814-793-4293

For Sale - Rolled JD 3300 combine, gas, 10' platform, for parts or fix it up. 215-869-8745

For Sale - MF 205 manure spreader, good cond. 717-687-6360

MF 1085 w/cab 814-793-4293

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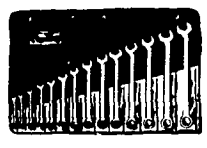
12-pc. family tool kit
Just the tools needed for those everyday jobs around the house Handy!
Special Price **$19.95**



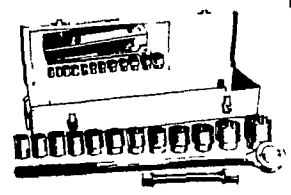
14-pc wrench set
Chrome plated combination wrench set is a big value
Special Price **$111.95** Save $29.00

30-amp battery charger
30-amp fast charge 5-amp trickle charge 200-amp boost Insulated clamps
Special Price $113.35

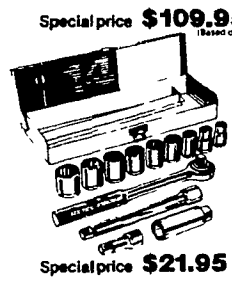
PARTS VALUE OF THE MONTH

CHRISTMAS BELL RINGER SALE!

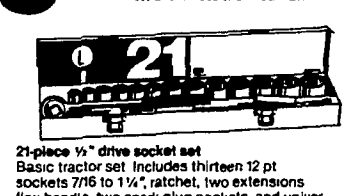
SAVE UP TO 46% ON THESE MOST-WANTED GIFTS



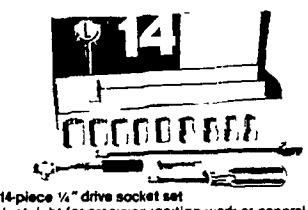
IH 15-piece ¾" drive socket set
Just the set for the man on your Christmas list Lifetime replacement warranty If a tool fails under normal use, we replace it free Set includes twelve sockets ⅜ to 1⅞"
Special price **$109.95** Save $94.50



14-piece ⅜" drive socket set
Ideal for auto repair and injection work Set has four 6-pt sockets ⅜ to 9/16" and five 12 pt sockets ⅜ to ⅞" Ratchet, two extensions, and spark plug socket included
Special price **$21.95** Save $5.72



21-piece ½" drive socket set
Basic tractor set Includes thirteen 12 pt sockets 7/16 to 1¼", ratchet, two extensions flex handle, two spark plug sockets, and univer sal joint all organized in a metal box
Special price **$52.45** Save $13.67

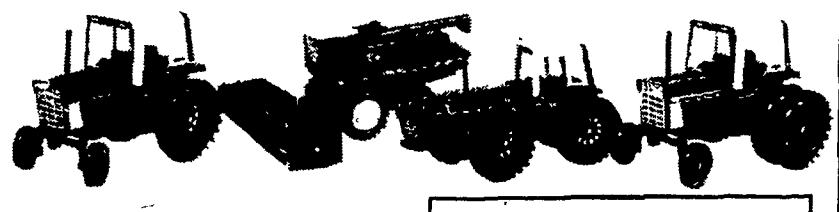


14-piece ¼" drive socket set
Just right for precision ignition work or general home use Complete with nine 6-pt sockets 3/16" to ½", ratchet two extensions, and spinner handle
Special price **$15.95** Save $4.15

Put one of these sets under your tree and you'll have one happy man!

Fun gifts for the future farmers in your family

We have a wide assortment of toys that are true-to-life replicas of Dad's International tractors and implements. Plus a selection of model kits for children of all ages. Come in now and choose your gifts for sons, daughters, nieces, and nephews while our selection is still complete. And don't forget the kid across the road.



ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
PH: (215) 367-2169

PARTSMART

IH Badger OMC AVCO NEW IDEA

IH 966 Tractor, Ex Cond. WF
IH 2504 Loader Tractor
JD 4020 WFE Side Console, Low Hrs.
IH 656 Dsl. w/2000 Loader
IH Super C w/cult.
IH Super H, Excellent
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206 Tractor
IH 806 Tractor
IH 706 Tractor
IH 674 D Tractor
IH 656 D Farmall Tractor A-1 Cond.
IH 656 Gas Farmall Tractor
IH 606 D Utility Tractor, Exc
IH 574 D Tractor w/2050 Loader
IH 544 D Tractor Utility Hydro, Ft Pedal
IH 125 E Hi-Lift
IH 200 Farmall w/Cult. & Front Blade
Case 800 D Tractor
Case SC Tractor
Ford 961 Tractor
IH 756 Diesel Tractor
Long 350 Low Hrs.

JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Bobcat #310 Skid Loader, 110 Hrs

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt. hitch plow
IH 311 3B Plow
JD 130 3B Plow 3 pt
JD 720 5B 20" Plow
Oliver 3x14 3 pt. Plow
Oliver 2x14 Trailer Plow
JD KBA 12' Transport Disc
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc
IH 470 11'6" Disc
IH 53 4 Row Cultivator
IH 263 2 Row Cultivator
Oliver 10 Ft. Disc

OMC 590 Sm Round Baler
NI 456 Big Roll Baler
IH 241 Big Roll Baler
IH 2400 big Roll Baler
IH 445 Baler w/Thrower
IH 440 Baler w/Thrower
NI 270 Cut/ditioner
IH 1190 9' Windrower
IH 990 9' Windrower
OMC 216 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
NH 404 Hay Crusher
JD 5' Rotary Mower
Mott 3 Pt. Mower
Fisher Hay Tedder PTO
JD 894 Rake
IH 15 Rake

IH 1460 Combine w/6 row
IH 915 Combinew/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combinew/13' Platform

NH #6 Fg Wagon
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg. Wagon
McCurdy Gravity Box
Grove Fg. Wagon w/7 Ton Gear
Gehl Fg. Wagon w/8 Ton Gear
Brady 512 Feeder Wagon
Badger Fg. Wagon w/Tandem Axle, Roof

IH 555 Fg Harvester
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox Custom 90 Fg. Harvester
NH #818 Fg Harvester
Brady 722 Flail Chopper
IH #8 Flail Chopper
NH #33 Flail Chopper

IH 56 Blower, Reconditioned
Hussler 56 Blower
Fox 44 Table Blower, belt driven
Kools KB60 Blower
NH #27 Blower

702 Uni Cheap
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

JD FB 13x7 Comb. Grain Drill
JD 17x7 Comb. Grain Drill
IH 16x7 Comb. Grain Drill
Oliver 16x7 Comb. Grain Drill on Steel Wheels
Oliver 10x7 Comb. Grain Drill on Steel Wheels

NI 245 Manure Spreader
NI 244 Manure Spreader
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NH 676 Manure Spreader
Better Bilt 2600 Gal. Liquid Spreader
IH 540 Manure Spreader
Hawk Bilt #357 Spreader

Jamesway 60' Belt Feeder
York Rake 3 pt. hitch
IH 1150 Grinder Mixer
200 gal sprayer
Century 300 Gal. Sprayer, Nice
Danco 8' 3 Pt. Blade
Little Giant 34' Elevator
KW Loader for IH 284
Walsh 500 Gal. Sprayer, Nice

JD 1240 4 Row Corn Planter
IH 400 6R No. Till Corn Planter w/Monitor
IH 400 4R No. Till Corn Planter
IH 56 4 Row Corn Planter

2% Cash And Carry Discount on All Parts
The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
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717-597-8811 717-532-8800

FARM EQUIPMENT

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
1980 Case 580C Backhoe/Loader w/Cab, Low Hours
1980 Massey Harris 450 Round Baler
NI 727 Husking beds, good shape
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

USED EQUIPMENT
NH 489 Haybine
Hesston PT10 Haybine
Loader for AC 160
(2) NH #56 Rake
Bearcat Grinder-Mixer
AC Model 90 Pull Type Combine
Landoll 7 Tooth Chisel Plow
(2) IH 234 Mtd. Corn Pickers to fit 656, 706, 806
L or M #435 Corn Head
(2) Grove Self Unloading Wagon, 3 btr. & roof
Used Century sprayers
NH 275 Baler w/thrower
JD 14T Baler
JD 2010 Backhoe Loader
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors

USED TRACTORS

AC 5050 Low-Profile
1 only
Special Price
$10,995

AC 190XT Series III
AC D19 Gas
AC D17 Diesel
AC WD
AC WD 45
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Glearner Combines

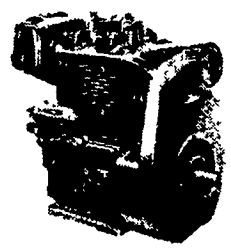
NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211
or Bob Gantz Sales
717-653-5020

FARM EQUIPMENT

Baler



Let Us Know
Your Service Problems
HOOVER DIESEL SERVICE
PH 717 656 6133
2998 West Newport Rd
Ronks PA 17572

FARM EQUIPMENT

USED FARM EQUIPMENT
IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, John Blue pump, rear spray tips for herbicide spraying, $4,000
IH 400 Cyclo 4x36" no-till planter w/liquid fertilizer tanks, John Blue pumps for fertilizer and herbicides, Gandy insecticide boxes, $2,000
2 FMC model 5 2 row sweet corn harvesters with a lot of spare parts
100' Badger 12" auger feeder w/heavy duty drive, $500.

F.O. Mitchell & Bro. Inc.
Perryman, MD 21130
301-272-3636 day
301-272-2620 night

PEQUEA BATTERIES
Ronks, PA 17572

- GENERATORS
- STARTERS
- ALTERNATORS

PARMAK® FENCERS

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AVCO VM Diesel
ADAPTABLE TO MOST APPLICATIONS

WISCONSIN ENGINES
Sales and Service

USED TRACTORS
- 560 Int., Wide Front, Fast Hitch $2650
- 770 Oliver, Gas $1550
- 8N Ford, Nice $1750

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MILLER'S REPAIR
1 Mile North of Bird-in-Hand
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BEARTOWN HYDRAULICS
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Rt. 322 Midway
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Phone 717-354-5649

SPECIAL PRICES
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Kendall Oil For Diesels

BULK or DRUM
Bring Your Containers And Save

HOOVER DIESEL SERVICE
PH: 717-656-6133
2998 W. Newport Rd., Ronks, PA 17572
2½ miles East of Leola along Rt. 772

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
¼ Mile East of Exit 6 I-81
LONG

OLD INVENTORY CLEARANCE SALE
Ford 5000 1966 Diesel Power S. $3,300.
MF 175 Diesel nice Power S. $3,500 60 HP
Long 560 Diesel $2,700 1970 PS 56 HP
Long 560 Diesel 1970, New Tires PS $3,500
Allis Chalmers 190 Diesel 1964 PS $3,500 00 70 HP
IH Cub Lo-boy 1966 with mower $2,300.00
Farmall M PS Remote Hydraulic Very Nice $1,100
John Deere 2120 Diesel PS 60 HP $4,100

Tractors must be sold as is at these low prices. ENDS January 1, 1983

SPECIAL OF THE WEEK
BADGER 12
DEMO
MANURE PUMP
List $4,550
SPECIAL **$2,000**

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

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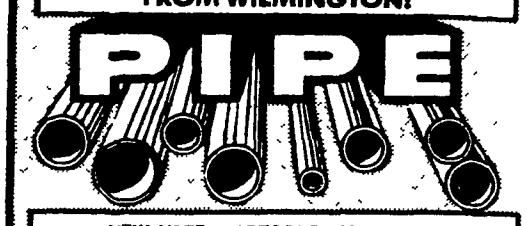
FARM EQUIPMENT

H. SCHWARTZ & SONS, INC.
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

PIPE



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

FORRESTER FARMS
1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
LONG
CHECK LONG TRACTOR SALE

New Long traveling irrigation unit 1820
New 610 DT $11,722
New Long 460 $7,369
New Long 510 $7,839
2 Long 560
Cab for Long 560
AC 190
IH 1066 w/cab
IH 656 Hydro
IH Lowboy cub
Farmall M w/PS
JD 4230 w/cab
2 JD 4020 one w/cab
2 JD 3120 one w/cab
JD 3020, very nice
3 JD 2130 1 w/cab
1 JD 2120
2 JD 2030 w/cab
MF 175
Ford TW 10 w/canopy
Ford 9000
Ford 8600 w/dual power
Ford 7000
Ford 6600 SOLD mo w/50 hour
New Ford 6610
Ford 5600 SOLD w/dual power
3 Ford 5000, one w/dual power
Ford 4500 backhoe
2 Ford 4000, 1 w/loader
3 Ford 3000
Ford 850 w/PS
Ford 871
Ford 641 diesel
Ford 541
Ford 772 A loader
Ford 772 A loader
Roadless 95 4 wh. drive 90 HP
Ford 9N

¼ Mile East of Exit 6 I-81

C.J. WONSIDLER BROS.

AVCO NEW IDEA

SPERRY NEW HOLLAND

BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7:30 A.M. - 5:00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd., Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P.M.

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon.-Fri. 7:30 A.M. - 5.00 P.M
Sat. 7:30 A.M. - 12.30 P M.

★ DECEMBER SPECIALS ★

TRACTORS
AC 7050 w/cab
AC 7040 PS, w/cab
AC 7020 PS, w/cab
AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD
MF 1105D w/cab
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 165 D
MF 50 D
MF 50
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
White 2-50 D
Oliver 550
Oliver 55 D
MM G1000 D
Ford 800
Case 630 w/loader
Case 300
JD 3020 D
JD 3020 G
JD 60 w/237 2-row picker
JD 60

MANURE SPREADERS
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
Badger 180 BU.
Weaverline 330 Electric Feed Cart, 30 BU., Like New!
Moridge 400 Grain Dryer, PTO, A-1

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(3) Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head

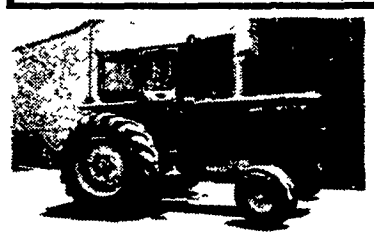
ATTN: DAIRY FARMERS:
1-Kraft 600 gal. Stainless Steel Milk Tank-like NEW!!!

LANDIS BROS., INC

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

NEW TERMS NOW ON USED TRACTORS - AVAILABLE FOR FINANCING WITH WAIVER OF FINANCE CHARGES TO JUNE 1, 1983.

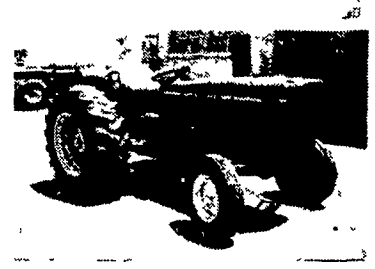


JD 1972 4620 DIESEL
w/power shift, cab, heater, radio

WAS ~~$18,500~~ — REDUCED TO $17,500

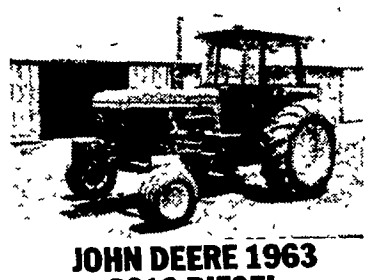
JD 2640 HU DIESEL
w/roll guard, canopy and 146 loader w/84" bucket

WAS ~~$17,900~~ — REDUCED TO $16,500



JD 1974 2630 DIESEL

WAS ~~$11,000~~ — REDUCED TO $10,200



JD 1972 4230 DIESEL
quad/sound body

WAS ~~$17,500~~ — REDUCED TO $16,900

JOHN DEERE 1963 3010 DIESEL

WAS ~~$5850~~ — REDUCED TO $4950

- JD 2240 RU W/Hi-Lo, 700 Hrs.
- JD 4030 SYR Range, 4 Post RG w/Can. FRWT.
- JD 4240, QR w/SG H&A
- AC 5050 Dsl. w/Loader
- MF 65 dsl.
- JD 4020 PS WFE
- Farmall "M"
- JD M w/Loader
- JD 4010 Dsl. WFE
- JD 2940 MFWD, 300 Hrs.

CHECK THESE SPECIALS CALL RIGHT AFTER 7 A.M. For Information & Price

Used Tillage Equipment
- JD 350 6B p/reset plow
- JD 350 4B p/reset plow
- JD 810 2B 3-pt plow
- Ford 2B 3-pt plow
- AC 4B 3 pt. plow
- JD 235 19'11" wingfold disc harrow
- JD Kilhefer 20bl offset
- JD AW 15'2" disk harrow 44 bl
- JD 12' spring harrow
- Dunham 12' roller harrow
- Brillion 9' cultipacker
- Brillion 14' triple gang packer

Used Planting Equipment
- Like New! JD 8350 fert. grain drill 23x7 w/gsa.
- JD FB17B single disk grain drill
- IHC 16x7 drill
- Ontario 16 disk drill w/GSA
- JD 7000 6R Corn planter w/fert.
- JD 7000 4RN planter w/fert.
- JD 7000 4RW planter w/fert.
- JD 1240 4R PLATE TYPE planter
- JD 1240 4R plateless
- JD 1250 6RN plateless
- JD 1440 4R no till w/80 units
- AC 500 4R planter w/fert.

Used New Idea Uni-Equip.
- 705 Dsl. power unit w/cab and 767 Super Chopper w/3 RW RC
- 702 dsl. power unit w/cab
- 760 chopper w/2RW RC
- 769 flail mate
- 762 2R 38" RC
- 766 Hay Pick-up

Used Corn Pickers
- NI 325/327 2RN picker
- NI 323 - 1R

Used Forage Equipment
- JD 3800 Harvester w/electric controls w/sharpener
- JD 8' mower bar attachment
- JD 35 Harvester w/2 RW RC
- JD 5400 SP harvester

Used Manure Hndl Equipment
- Farm Hand loader
- JD 46A loader
- NI 206 gr dr spreader
- NH 365 tank spreader
- NI 213/217 single beater spreader
- NI 214/215 flail spreader
- NI 218 8½T tandem ax spreader
- NI 224 10T tandem ax spreader

Used Combines & Corn Heads
- MH 82 12' S-P
- JD 7700 dsl w/14' platform
- JD 444 4RW corn head
- JD 244 w/adapt. plate for harvester

Miscellaneous Equipment
- JD 125 chuck wagon
- JD 16A chopper
- JD tool bar w/5 teeth
- JD 32B sprayer 20' boom
- WALSH sprayer 27' boom
- JD 507 7½' PT gyramor
- King Kutter 6' 3-pt cutter
- Ford 7' flail mower 3-pt
- Hesston 10' mower cond.
- IH C185 cub lo-boy w/mower and sweeper
- McCurdy bin wagon

SPECIAL TERMS NOW BEING OFFERED WITH DOWN PAYMENT BALANCE CAN BE EXTENDED TO MARCH 1, 1983

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available With or Without Steel Wheels With or Without Endgate Att.

1978 MODEL 550 MF Combine Hydrastatic, 43-4RN Corn Head, 13 Ft. Platform 800 Hrs., Excellent Waiver until 9-1-83

NEW EQUIPMENT SPECIALS

- JD 2440 RU 28" whls. Hi/Lo
- JD 4240 PS w/sound body
- JD 4240 wuad w/sound body
- "40" Series close out specials. New Customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.
- JD 327 Baler w/#30 ejector
- JD 337 Baler w/#30 ejector, JD waiver to May 1, 1983
- JD 7000 4&6 row planters
- JD money bonus & waiver to April 1, 1983
- JD 6620 side hill combine w/215 flex platform w/643 corn head
- JD 125 Dsl. skid steer loader
- JD 90 skid steer loader
- JD 6500 forage blower
- JD 465 flail spreader
- NI 325 2RN picker
- NI 323 1-row picker
- NI 272 7' cut/ditioner

SAVE NOW, SAVE LATER.

Buy a new John Deere snowmobile now* and you won't pay a finance charge until spring

It's our way of introducing you to some of the best-designed sleds around. Buy a new snowmobile with a normal downpayment, and we won't ask you to pay any finance charges until March 1983. Save even more on a new machine during the Hit-the-Trail Sale. Come in today for a test drive and great savings on 1983 Liquifire®, Sportfire® Trailfire® LX, Sprintfire™, and Snowfire™. Hurry the John Deere Hit-the-Trail Sale ends December thirty-first.

Subject to approval for John Deere financing.

BUY EARLY AND SAVE $$$

Buy a new John Deere snow blower now and you won't make a monthly payment until spring.*

If you buy a new 8- or 10-hp walk-behind John Deere snow blower before December 31, 1982, with a normal down payment, you won't have any monthly payments to make until April 1, 1983. And to save you money there are no finance charges until March 1, 1983. So you can buy a new John Deere snow blower before the snow falls and pay for it after the snow melts.

*Subject to credit approval for John Deere financing.

SAVE $100

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IH F544
IH F806D
IH F1256
MF 255
Ford 900
Oliver 70
Oliver 550 w/Loader
IH 300 Utility

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IH 211 3F 15"
IH 411 4F
IH 560 Plow
IH 700 6F Auto. Reset
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IH 412
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IH 500 Planter, 6 Row
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JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

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IH 3200
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1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
Used JD 213 and 215 flex heads.
Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.
New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (4) real nice balers, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.
Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.
New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. MF 175D (SOLD) w/Loader, JD 2440 w/R.G. 2840 for $11,600, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF.
TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800.; Farmall 1086 w/front wheel drive used 800 hrs., JD 4630 P.S. w/front wheel drive, Oliver 2255 w/cab, Case 1210, MF 202 Ind. w/loader, Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, new NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Used JD 500 rd. baler; Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, 400 w/P.S. and F.H. Farmall 1456 original; Farmall 806 gas w/3 pt. nice, New N.I. 323 picker list $7,861 - SPECIAL $5495. (SOLD), JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, JD 2520D, David Brown 885, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.
NI 325 pickup w/12 roll bed used 4 yrs. Farmall (SOLD) 504, Int. 510 18x7 drill.
TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320, JD 4010D, 1 owner original, Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. AC 185D w/turbo nice. New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Farmall 1086 cab needs repair come look and make offer.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear, New Int. 2250 loader
CORN PICKERS - Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10.
J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.
Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers, Farmall Super A w/cult, real nice (SOLD).
HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.
Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.
ALLIS CHALMERS New 7010 - AC 200 w/factory cab, AC 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC 7000 P.S. w/R.G., 180D, D 5 gas; AC H3 Crawler w/blade and winch, AC 185D (SOLD).
JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 2020 w/loader, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD 630 w/3 pt., JD. A. JD 70 w/P.S. & 3 pt.
FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original.
Int. W9 gas w/pulley.
New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.
MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 175D w/loader for (SOLD) 5875.00; 1971 MF 1100 w/cab real nice, MF 1130 for $6250 w/Super 90 diesel, MF 65 gas w/hydr. side mower.
(Case) New 2090 Cab & Air, power shift $23,750; Case 1410D, 1030D.
Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, Oliver 550 w/loader, Long 560D w/loader, Ford 6000 Commander, D, Ford 3000D, 52 Ford 8N Original excell. MM Vista 1000 w/cab and loader, MM S670 diesel.
1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, Long 350D w/mtd. broom; Int. 460 utility w/loader, Woods 4 row stalk shredder.
N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader,Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.
Ford 4000 gas loader and backhoe.
Mechanics Special JD 4020 gas, power shift $3950.00.
Case 1030 Needs Trans. Work. Case 1410, Farmall 460D w/F.H.
PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, N.I. 325 picker w/sheller. Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe, JD 1209.
New Holland 354 Gr. Mixer; NH 351 Gr. Mixer; Used John Deere 300 Husker.
Long 1199B 3 pt. backhoe like new; MF #246 Quick tach loader Like New, Holland #1500 3 row transplanter used 1 acre, used JD 444 corn heads from $2450, and up.
Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.
Glenco 12 ft. 9" Soil Finisher like new.
New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int's #10 18+7, Farmall 560 w/Int. 234 mtd. picker, $3775.00.
Planters - Int. 4 row #800 Early Riser, Oliver Planter 6 row w/no til fert. fill, inst.AC 4 row no til w/dry or liquid fert., Woods 120 offset cutter. NH pick-up heads for 770, 717, Miller 12 ft. offset disk, (JD 215 disk 13'9" Demo Like new, Athens 10 ft. rock disk) JD Disk #210. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 2 NI 214 nice, JD 54 - good, NH 518 - nice.
PLOWS - Int. #720 5x18 reset like new, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 3 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel Plows, Int. 13 ft. 3 pt. and w/gauge wheels, JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. #80 snow blower; New Johnson loader.
Flail chopper, New Holland 38, 36 Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, JD FBB XX Disk grain (SOLD) drill; Rakes NH 256, used NI 404 whl. rake, Int. 3 pt. wing harrow (SOLD).
Bargain corner Haybines - 2 New Idea 9 ft., 2 Hesston PT 10.
Owatonna 200 haybine, NI 279 cut-ditioner; Hawk Built tank spreader, Bearcat Gr. Mixer, Int. 400 4 row, air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 8 JD 1250 and 1300 six row planters for $700 to $1450, Int. 400 6 row air planter for $1450.
Used JD 400 15 ft. rotary hoes, New White 14 ft. field cult., Kawanee 22 ft. Wing Disk, used Long 1199A 3 pt. backhoe, like new $3850.
Loaders - used JD 58 MF loader for 1105 Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.
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TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
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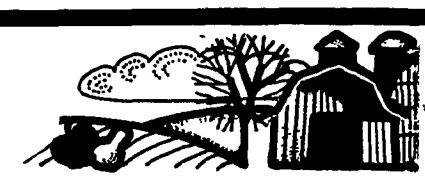

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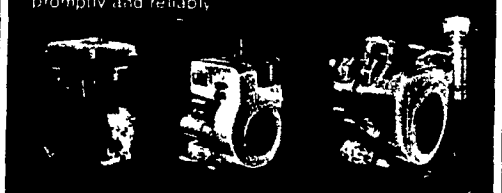

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• Oliver 1750
• White 2-105 Tractor
• Int. 656 Tractor

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• Case 450 Crawler Loader
• Case 450 Crawler Dozer
• Dunham Lehr No. 2 Loader
• IH 3200 Skid Loader

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• Case Disc Harrow, 10'
• Case Disc Harrow, 12'
• JD 12' Disc Harrow
• Oliver 2 Bot. Trailer Plows
• Brady Field Cultivator
• Oliver 4 Bot. Mtd. Plow
• Used Cultipacker

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• NI 709 Uni-System
• NI 315 Gathering Unit
• NI 316 Husker
• NI 315 Sheller
• NI 729A Sheller
• NI 727 Husking Bed
• NI 767 Super Chopper
• NI 737 Cornhead
• NI 323 1-Row Corn-picker
• NI 2-Row Cornpicker
• Int. Mtd. Picker, 2 Row
• IH 550 Harvester w/Pickup
• JD No. 25 Harvester
• Case 300 Harvester
• JD Chopper
• NH 717 Harvester
• Kools Forage Blower
• Gehl 1200 Harvester w/pickup and 2-row cornhead

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• NH 469 Windrower
• Hesston PT 10
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• Dump Rake
• 3 pt. Hookup Mower
• Bale Thrower Wagon
• Case Hay Rake
• JD Hay Rake
• NI Hay Rake
• NI 456 Round Baler
• JD 14T Baler w/thrower

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• JD 2-Row Planter, Pull Type
• IH 400 Corn Planter, 8 Row
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• NI 218 8½-ton Spreader
• Potato Grader

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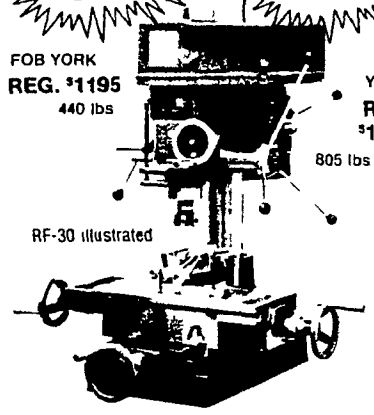
MODEL RF-30 $1295 FOB YORK REG. $1595 805 lbs



RF-30 illustrated

SPECS	RF-20	RF-30
SWING	13 7"	16.5"
STROKE	4.0"	5 0"
TABLE	6.2" x 20.5"	8 26" x 28 74"
TRAVEL	6" x 12"	6" x 18"
RPM'S	80 to 1700	135 to 2440
MOTOR	1 HP 1 PH	2 HP 1 PH

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- S Scranton Bale Feeders
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- Vermeer & Scranton Bale Movers
- Martin S SOLD preader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon SOLD el Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP1200 Round Baler
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- Int. 9' Haybine
- Vicon RP1200 Round Baler, Demo.
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

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CALL US ABOUT THE MOST ATTRACTIVE FINANCING AVAILABLE — NOW THROUGH IH
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FREE FINANCE ON FORAGE UNTIL 9-1-83!
5% 24 MONTH FINANCING AVAILABLE ON ALL SNH EQUIPMENT
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NEW EQUIPMENT IN STOCK

IH

3088
3688 tractor
5088 tractor
1420 combine
14 SOLD ibine
800 air planter
810 header
820 header
94 SOLD head
IH 730 plow vary SOLD 4 btm.
720 plow 5x20" - auto. reset
5100 drill 16x7 plain, 21x7, w/depth press wheels
13' 5500 chisels
1300 mower
1190 mower-cond.
2 - IH #15 throwers
475 wing disc, 18'7"
435 baler
550 spreader
2250 loaders
183 4-R cultivator

NEW HOLLAND

311 balers (2)
31! SOLD
#70 & 75 throwers
489 haybines
425 skid loader
L-3! SOLD oader
718 chopper
782 SOLD r
822 corn head - $2500
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
519 spreader
791 spreader
474 haybine

BUY A NEW 851 BALER AND GET A FREE HAY RAKE!

WE RENT SKID LOADERS

JUST TRADED
IH 1440 Combine, Excell. Cond. 844 corn head, auto header control, air cond.
Waiver of finance available

OUT-OF-SEASON DEALS!
IH 435 BALER w/HD PTO, #15 THROWER $7500
IH 1190 MOWER-CONDITIONER $6200
Prices are cash, no trade

USED SPECIAL
IH 544 FARMALL DIESEL
3 pt., wide front, excellent

FARMALL "M" w/Live hyd.

USED
IH #15 HAY RAKE
USED
IH 510, GRAIN DRILL 16x7, d.d. openers, combination, excellent

"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 IN STOCK" THE 1420 IS A REASONABLY PRICED, 4 ROW ROTARY MACHINE. BUY THE "HOT" COMBINE FOR LESS MONEY THAN ITS COMPETITORS. OUR COMBINES ARE BACKED BY OUR OUTSTANDING SERVICE DEPARTMENT.

USED EQUIPMENT

- IH 3388 2+2 low hrs
- IH 2400 Ind. tractor diesel, 6-way hyd blade, log splitter
- NI 212 flail spreader, w/hyd endgate
- 18 4x34 duals
- IH #15 rake
- IH 540 plow 4x16"
- IH 510 grain drill, 16x7, double disk openers, combination
- JD 2510 Diesel tractor, new engine
- John Blue - truck mtd dry fertilizer spreader Excellent Cond 8 ton
- IH 303 Combine, both heads, cab, very good shape
- NH 10 ft. trailing fert. spreader, very good cond
- NI 224 Manure Spreader, hyd endgate w/cyl
- IH 990 Mower Conditioner 9' good, double rubber rolls
- IH 440 baler w/thrower, nice, hyd bale tension
- John Deere #50 tractor w/mtd picker, power steering
- IH 449 4R planter - nice
- MF 4R planter - 50 acres $1500
- IH 550 plow 5x16 (2)
- IH 51 forage box w/roof, heavy gear
- NH 69 baler
- NH engine thrower
- IH #70 pull type plow 3x16 ' nice
- 1250 hydrostatic Cub Cadet
- IH 46 baler with thrower
- 1 440 IH combine w/4 row head excell cond
- IH 550 Forage harvester cheap

"QUALITY LATE MODEL FARM EQUIPMENT"

COMBINES

1978 Gleaner FKS2 w/Cab and Air Cond., 13' Grain Platform, Pickup Reel, Harvested Less Than 500 Acres.
1975 JD 6600 Dsl., Cab, AC, Very Good, Choice of Heads
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
1973 JD 4400 Dsl. Cab & Air Choice of Heads
MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
IH 82 Pull Type w/ PU Reel
JD SOLD ab, Very Good, 650 Hrs. Choice of Heads
Ford 620 w/Grain Platform, Pickup Reel, Used Very Little

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4430 Dsl. Cab & Air, 2200 Hrs.
JD 4020 Dsl. side console, cab and air
JD 4020 D WF & Power Shift
JD 4010 Dsl., Very Good
JD 3020 D WF, Very Good
JD 3020 Dsl. WF Side Console, Very Good
JD 2940 900 hrs. Like New
JD 2640 Dsl. Fully Equipped
JD 2520 Dsl. WFE
IH 1466 Dsl. WF Black Stripe1485 Hrs., Cab Air Cond. 20.8x38 Tires, Dual PTO, Sharp!
IH 1456 Dsl. WF
IH 1206 Dsl. w/Cab
IH 766 D WF, Cab
IH 656 Dsl. Hydro
Oliver 1850 Dsl. WF
Oliver 1855 Dsl. w/Cab
Ford 4000 8 Speed
Ford 8600 Dsl. WF
Ford 5000 Dsl. 8 Speed
Case 1070 Dsl. Cab and Air 930 Hrs.
Case 730 Gas WF
AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
IH 2400 Round Baler, Like New
JD 336 Twine, Like New
JD 336 Wire

CORN HEADS

MF 24, 44
AC F430
AC KF330, A330
JD 453 & 454 Row Crop Hds.
JD 243, 244, 343, 443, 444, 643
IHC 843

CORN PLANTERS

JD 7000 Consv. 6R dry fert., auger fill, insect., pop. mon.
JD 7000 min-till 6 R dry Fert., insect., monitor
JD 1240 4R plate and plateless, insect, runner and disc opener
JD 1250 6R plateless, insect. w/wo fert.
IH 56 4R dry fert., insect., excellent
JD 7000 consv. 4R, dry fert., monitor, insect.
JD 7000 4R wide & narrow, dry and liquid fert., insect., and monitor.
IH 400 4R hyd. drive, dry fert., insect.
JD 246 2R w/insect.
JD 1440 4R no-till plateless, liquid or dry fert. and insect.

PLOWS -SEMI-MOUNTED

JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
JD 1450 5x16, 4x18, 5x18
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch
JD SOLD B Roll-over

PLOWS -AUTOMATIC

IH 710 & 720 5x16 SP Reset
IH 710 6x16 SP Reset
Oliver 6x16
JD 2500 6x18 SP Reset
JD 2500 5x18 on Land Hitch
IH 710 7x18 on Land Hitch SP Reset
IH 700 6x16 SP Reset
IH 6 Base 735 Variable Width SP Reset
JD SOLD x16

DISCS

AC 16' Wing Fold
JD 11'2" & 14' AW Disc
JD BWA 12'6"
JD 18' BW Wing Fold
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex
IH 350 12'

HEAVY DUTY DISCS

IHC 760 12' Offset, excellent
JD 1630 12' very good cond.
JD 4000 Double Offset 12' 8"
Bush Hog 1437 Plowing Disc 11' 4"

MISCELLANEOUS EQUIPMENT

IH 510 Grain Drill w/Fert. & Grass Attch. 16x7 Very Nice
JD 8250 Grain Drill, 21 Openers, Fert. and Grass Seed
JD 1207 & 1209 Mower Conditioners, like new
Brillion Alfalfa Seeder, 8'
IH Field Cultivator 12'
NH 488 Haybine, like new
NH 479 Haybines
NH 6 Ton Wagon Gears w/Adj. Hitch $575 1 Only
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 Rr. Axle Duals
Grim Super 16 Hay Tedder
Neimeyer Power Harrow
Cabs for JD Tractors 3010 thru 4320
JD 12' Roller Harrow
IH #50 Stalk Shredder
JD 300 Husker w/2 or 3R Head, Very Good
NI 319 2 Row Mtd. w/12 Roll Husking Bed, Very Good
Gehl 72 Flail Chopper, Very Good
Nicholson Hay Tedder
Field Cultivator, Hydraulic Fold 18 ft.
NI Picker Sheller 2 Row Wide and Narrow

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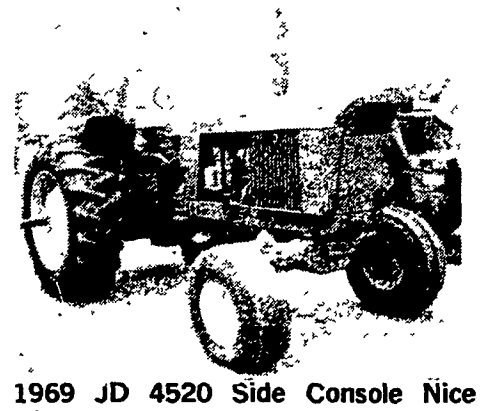
JD 4320 - Nice Tractors - Choice of Two - $10,900 & $11,900

JD 4430 - Cab & Air - 20.8x38's - Good Condition - $15,900

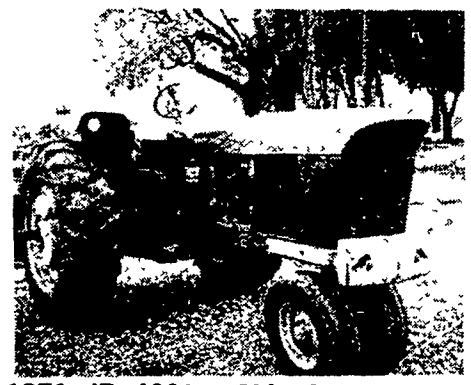
1973 IH 4166 - Cab - Air - 3 pt. PTO - Low Hours - $11,750

1973 MF 1105 on 38" Rubber - Only $7900

Case 1200 - PTO 3 pt - Quick Hitch - Runs Good $7500

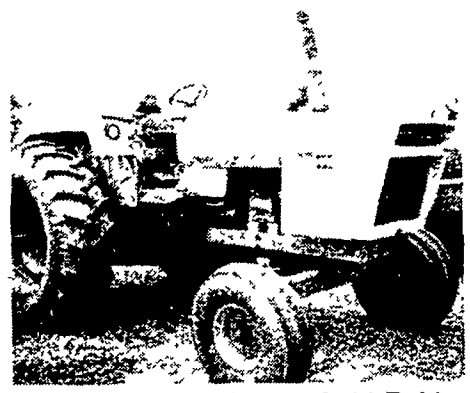


1969 JD 4520 Side Console Nice $8400

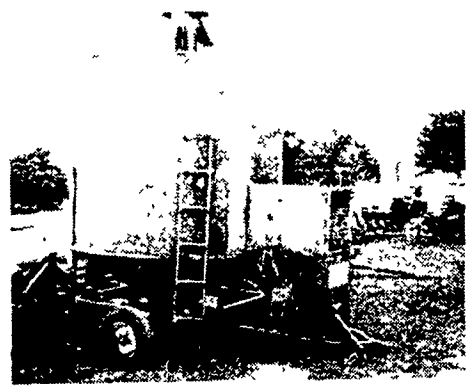


1971 JD 4020 - Side Console Nice Tractor - $8900

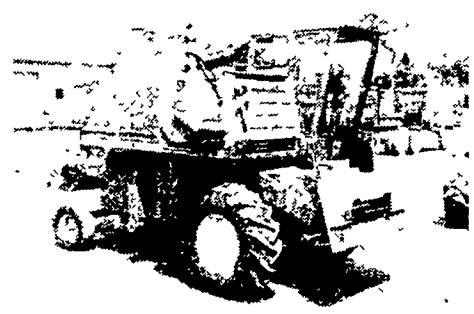
Farmall 1086 - Good Condition - $11,900



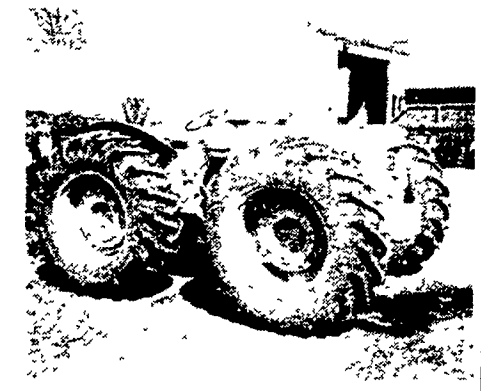
1973 Case 1370 New 20.8x38 Rubber Only $8100



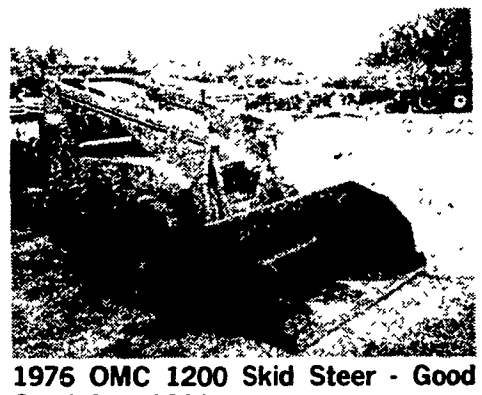
GT 270 Dryer - Good Condition $3650



JD 4400 Gas Combine, 1800 Hours - Very Clean - $13,700



Ford Major 4WD 3 pt. & P.T.O. Cheap 4WD Power $3750



1976 OMC 1200 Skid Steer - Good Condition - $3900
2 More In Stock - $3500 & $5900

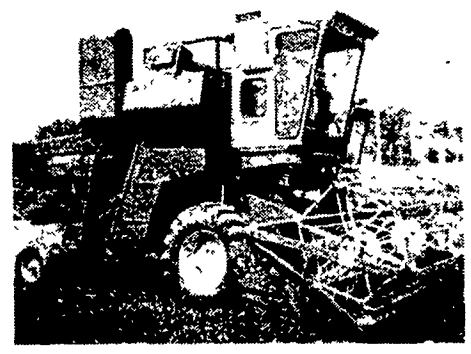
1967 AC D21 Series 2 Nice Tractor - $7500

JD 45EB Combine, 10' Grain - 234 Corn, Nice. $5700

JD 60 w/NI 12 Roll Picker - Only $3000

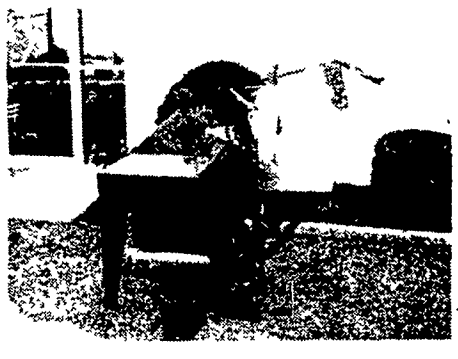
Long 550 Diesel 50 H.P. Cheap Price - $2800

Case 830 Diesel Now Only - $3100

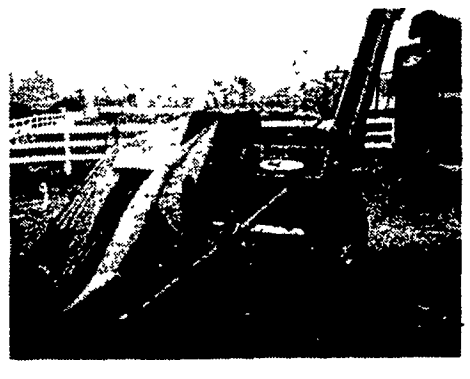


JD 55 SB Combine - $5200 - As Is

1969 MF 175 Diesel - Alternator M.P. - $5700

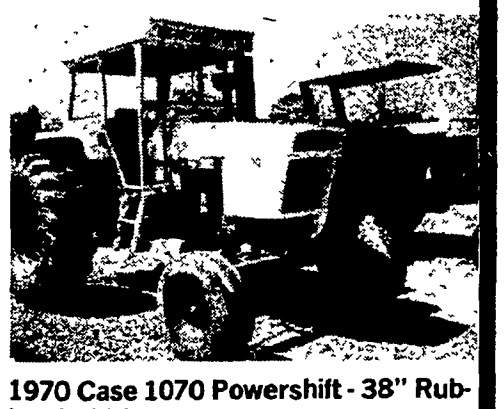


"NEW" 3 Pt. - PTO - Woodsaw 30" Blade only $495



(2) NI 323 Pickers $2500 Each

1977 Ford 5600 - Runs Good Only - $7900



1970 Case 1070 Powershift - 38" Rubber $6900

FARM EQUIPMENT

Ford Jubilee w/Sauder loader
D17 Series 4 AC
JD 40 Tractor w/3 pt. Hitch & 2 R Cultv.
AC 180D Tractor
AD 7045 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
NI 213 Manure Spreader

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FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
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FARM EQUIPMENT

NH 363 TANK SPREADER
2 YEARS OLD
$2,250
NH #353 GRINDER-MIXER
USED 8 MOS.
$3,995
SHOVER'S
Loysville, Pa.
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USED TRACTORS

JD 2840
JD 2940
JD 2020 Gas w/Loader
JD 3010 Gas
JD 4010 Diesel
JD 4040 Diesel
JD 4430 Diesel
Allis Chalmers "B" w/Blade
International B-275

USED EQUIPMENT

JD 6620 Sidehill Combine
JD 336 Baler w/Ejector
JD 24T Baler
Hesston 1502 Tank Spreader
Gehl Grinder Mixer
Tye No-Till Drill, 10 Ft., Like New
JD 6-Bottom Plow, 16"
NI 319 2-Row Cornpicker

SHOTZBERGER'S EQUIPMENT
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FARM EQUIPMENT

Dismantling Combines for parts over 150 all makes and models. Call before you come. Late IH 815 & Gleaner L

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 Uni tractor, NI Uni - 705D (ear corn unit), Case 800 & 660, combine & shellers.

TRACTORS
IH 560 gas, plain
IH wide front, fits 706, 806, 756 & 856
Farmall H
AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt. new tires
IH 240 w/fast hitch, $1,350
IH 560 Diesel
Wide front end to fit MF 85

COMBINES
Oliver 525 w/cab, corn and 11' grain heads

PICKERS
MF 12' chisel plow
Grayham 8' chisel plow
IH 5 btm. plow
IH 1300 3 pt. balanced head mower
JD #76 tank spreader
IH 12' 370 disk
2 Woods Brothers
NI 7 picker
NI 300 2R pull picker
NH wagon w/220 gravity box

CORN HEADS
NI uni 2 row
MF 3 rw. 30" corn head
NI 738 4 rw. 30" corn head $2475
JD 47 loader, $225

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts
JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, Oliver 70 & 77. Ford 8N. Case SC & V.A.C. Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G, Oliver crawler, 2 Oliver crawler loaders.
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FARM EQUIPMENT

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FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
1300 w/front wheel drive

NEW HOLLAND
New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

NEW IDEA
New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head.

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8'x8'	$390.00	12'x14'	$755.00
8'x10'	$440.00	12'x16'	$825.00
8'x12'	$475.00	12'x20'	$940.00
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On The Last Model 40 Series John Deere Tractors We'll Get

LOWER YOUR EQUIPMENT PURCHASE COST... LOWER YOUR EQUIPMENT FINANCING COST... AND STILL GET DEPENDABLE, HIGH-VALUE JOHN DEERE EQUIPMENT AND DEALER SERVICE

Big cash rebates during the model closeout on John Deere 40 Series 2WD and 4WD Tractors

Order any model listed below during this closeout on the last of the 40 Series Tractors we will get. When it's delivered, you'll receive a cash rebate check from John Deere in the amount listed below. But your savings don't have to stop there. Buy in December 1982, pay cash for your new tractor, finance it where you choose, or finance it with John Deere without waiver and you'll collect the cash rebate in lieu of finance waiver shown below. Or you can elect to have the John Deere finance charge waived to June 1, 1983, instead of taking the additional cash rebate.*

TRADE 'N SAVE ON TAXES

Investment credit... full-year depreciation: Get both by trading now on the following equipment we can deliver right now

HURRY! WE ARE GIVING BETTER THAN EVER PRICES ON THESE IN STOCK TRACTORS DURING OUR MODEL CLOSE-OUT SALE.

SALE ENDS DECEMBER 29, 1982

	Rebate On Purchase	Dec. 82, Rebate in lieu of waiver
(2) 60 HP 2440's	$1200.00	$350.00
(1) 70 HP 2640	$1300.00	$400.00
(1) 80 HP 2940 MFWD	$1800.00	$500.00
(2) 80 HP 2940's	$1800.00	$500.00
(1) 90 HP 4040	$2200.00	$700.00
(2) 110 HP 4240's	$2300.00	$750.00
(1) 155 HP 4640	$3400.00	$1050.00
(1) 180 HP 4840	$3600.00	$1200.00

Order a John Deere Tractor, we'll make an attractive deal on any matching equipment.

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We're getting the best trade-ins because we're making the best deals on new equipment.

Now we'll make you the best deal on buying that used equipment, so you get the most value for your money.

Plus financing over long terms.

Plus backing your used-equipment buy, any brand, with professional service support.

Any dealer can make such promises. But as your John Deere dealer, we have the strength and the skill to keep them. Check our clearance offers on the inside pages. Then come in and check the equipment we've clearance-priced. And get our quote on your trade-in. Keeping you in business with economical, more-efficient equipment is our business.

We've priced our complete used-equipment lineup to move. If you find a machine listed below that fills your need, see us soon. This is a used-equipment clearance, so you'll want to beat the others to these great values.

Ask us about any special waiver-of-finance-charge offers on used equipment John Deere may be making. See us today and pick the deal that saves you money.

TRACTORS & ATTACHMENTS

JD 2040, 40 H.P., low hours, like new. **$9350.00**
IH 574, 50 H.P., Gas, low hours, like new., **$6650.00**
JD 950, 27 H.P., Diesel, Mint Condition. **$6500.00**
IH 1066 Cab, Turbo 125 H.P., Diesel, Clean **$12,250.00**
IH 1456, Turbo 130 H.P., Diesel, Wide Front. **$12,000**
JD 3020, 67 H.P., Gas, Recondition ed **$4850.00**
MF 236, Front End Loader, fits MF 284, 4 Wheel Drive. **Just Arrived**
Dozer Blade, For White 2-150 Tractor 10 Ft **$850.00**
Ford 6000, 67 H P Diesel, Wide Front. **Just Arrived**

PLANTERS, DRILLS & SEEDERS

JD 1240 4 Row Plateless **$1700.00**
JD 80 Plateless Unit. **$110.00**
JD 1240 4 Row Plateless. **$2600**
JD 494 4 Row **$1150.00**
JD 1240 4 Row Plateless. **$2200.00**
MF 468 Corn Planter **$1500.00**
Srillion 10 Ft. Seeder, Like new **$3200.00**
Hydraulic Auger Fill Attachment for 4 Row Corn Planter **$300.00**

MISC. HARVEST EQUIPMENT

Kools Blower
Badger Blower. $1500.00
JD 65 Blower. **$895.00**
NI 325 Corn Picker, 2 Row Narrow, Sheller. **$6000.00**
NI 325 Corn Picker, 2 Row Narrow, Husker. **$5500.00**
NH 155 30 Ft Elevator
JD 32 Ft Elevator

COMBINES & ATTACHMENTS

JD 3300 Diesel with 343, 3 Row Narrow Corn Head. **$25,700.00**
Case 1665 Gas w/4 Row Wide Corn Head and 13 Ft. Grain Platform. **$6500.00**
JD 4400 Gas w/4 Row Narrow Corn Head. **$17,700.00**
JD 213 Grain Platform. **$1800.00**
NI 717 Combine Unit, Used 2 Seasons. **$8500.00**
NI 740 Fast-tatch Feeder House. **$800.00**
NI 713S 13 Ft. Flex Grain Platform. **$3000.00**
NI 713 13 Ft. Rigid Grain Platform w/Feeder House **$3000.00**
JD 444 Corn Head, 4 Row Wide **$4500.00**
JD 4 Row Narrow Corn Head **$4250.00**
JD 244 Corn Head, 2 Row Wide. **$1600.00**
NH 960 13 Ft. Grain Platform. **$2850.00**
NH 960 13 Ft Grain Platform **$3600.00**

TILLAGE

Oliver 251 Disk 28 Baldes **$1275.00**
Bearcat 10 Ft. Roller Harrow **$1295.00**
Oliver 5 Bottom Hydraulic Reset Plow. **$1800.00**
JD 145 2 Bottom Trip Plow. **$350.00**
JD KBA Disk - 28 Blades. **$450.00**
JD Killiffer Transport Disk. **$750.00**
IH Plow, 5 Bottom 16" **$1500.00**
IH Rotary Hoe. **$1295.00**
JD 422 2 Way Plow. **$250.00**
JD 110 Disk 32 Blades **$1450.00**
Oliver 242 Disk, 12 Ft

HARVESTERS & ATTACHMENTS

NH 1890 Self Propelled, Cat Diesel. **$25,000.00**
NH 890A Auger Base and 890N3 Corn Head. **$4000.00**
NH 880N3 Corn Head (like new). **$2800.00**
NH 770 R2 Corn Head. **$1350.00**
NH 880 Harvester w/880 R2 Corn Head. **$2650.00**
NH 717 Harvester. **$1150.00**
NH 717 R1 Corn Head. **$450.00**
NH 717 R2 Corn Head. **$650.00**
JD 1 Row Corn Head. **$475.00**
NH 707 3-Point Harvester, 1 Row **$2450.00**
NH 880 N3 Corn Head. **$1800.00**
NH 707 3-Point Harvester, 1 Row. **$2650.00**
NH 880 N2 Corn Head. **$1300.00**
NH 717 Harvester.
NH 717 R2 Corn Head. **$750.00**
NH 822 Corn Head, Low Profile **$2000.00**
NH 822 Corn Head, Low Profile. **$2200.00**
NH 717 N2 Corn Head.

BALERS

NH 276 Engine Baler. **$3490.00**
NH 268 Baler. **$1550.00**
NH 273 Baler w/53A Thrower. **$3675.00**
NH 270 Baler. **$1500.00**
NH 273 Baler. **$2200.00**
JD 336 Engine Baler. **$3200.00**
NH 569 Engine Baler.
JD 336 Engine Baler. **$2800.00**
JD 346 Baler w/30 Thrower **$5800.00**
NH 77 Baler

MISC. HAY TOOLS

JD 506 Rotary Cutter 5 Ft. **$795.00**
JD 670 Rake w/Dolly Wheel **$1975.00**

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JD 1380 Mid-Pivot 12 Ft. **$5450.00**
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NH 495 w/End Transport 12 Ft. **$7450.00**
NH 469 9 Ft. **$700.00**
NH 461 9 Ft. **$950.00**
JD 1320 Disk Mower Conditioner 7 Ft. **$7800.00**

SKID STEER LOADERS & ATTACHMENTS

NH L-35 Skid Steer Loader. **$6500.00**
NH D-100 Backhoe. **$2950.00**

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Century Sprayer w/28 Ft. Boom. **$695.00**

GRINDER MIXERS

NH 354 Grinder Mixer. **$3250.00**
Owatonna Grinder Mixer 120 BU. **Just Arrived**

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NH 512 Spreader 171 Bushel. **$1475.00**
NH 790 Spreader 358 Bushel. **$3000.00**
NH 518 Spreader 210 Bushel. **$2150.00**
NI 218 Spreader 275 Bushel. **$3850.00**
NH 675 Spreader 275 Bushel, New Web. **$2750.00**
JD N Spreader 130 Bushel **$350.00**
NH S676 Spreader 275 Bushel. **$3500.00**
Badger Liquid Tank Spreader 1500 Gal **$2450.00**

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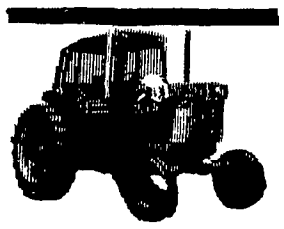

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White 2-85 w/cab

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1978 JD 6600 Sidehill
1979 JD 6620 Sidehill
JD 4 and 6 Row Corn Heads
1980 MF 760 338 hrs. w/2 heads
JD 45 w/2 heads

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JD 210 13' Disc
AC 3100 10' Offset Disc
JD 1450 4x16 Plow
JD 1450 5x16 Plow
JD 2700 7B On-Land Plow
JD 145 4x16 Plow
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JD 4020
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JD 1010 Crawler w/Blade
IH 340 New Tires & Paint
JD 1020 Diesel
Oliver 1550 Diesel
Ford 8N
Oliver 70
JD 70 Skid Loader

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NH 717 w/2 Row Head
NH 880 Harvester NO Head
Gehl Forage Wagon
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TILLAGE EQUIPMENT
JD 2450 7 Btm. Plow
JD F-145 5 Btm. Plow
JD 845 3 Btm. 2 Way Plow
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10' Culta Packer
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Ontario Grain Drill

MISC EQUIPMENT
JD 146 Loader Like New
JD Grapple Fork for 146 Loader
Woods 10' Rotary
Woods R.M. 48 Rotary 3 pt
Haban Corn Sheller 3 pt
JD #54 Rotary Like New
Sauder Loader Like New

NEW EQUIPMENT SPECIAL
Hesston 2000 100 Harvester w/2 Row Head, w/Hydraulic Sharpener
$7500

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1710 11' Mulch Tiller $5500.00
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Deutz Performance and Economy in the 70-to-80 Hp range!

Featuring the Longer stroked 913 Deutz diesel, Non-turbocharged. Best combination for utility tractors: more flexibility, instant power at all speeds, no turbo lag or "dead spots" in the power range. Will not "wet stack" under prolonged light loads. Longer engine life with fewer repairs.

D 7807 specifications--a mid-size tractor that really measures up!

Horsepower	73 pto (manufacturer's rating)	**Hydraulic system**	Deutz Transfermatic, open center
Engine		Pumps	Tandem, engine-mounted
Model	Deutz F4L 913, direct air-cooled diesel	Flow/pressure	18 4 gpm/2,538 psi (69 7 lpm/175 bar)
Cylinders	4	Remote	1-2-3 double-acting valves, lever coupler
Bore/stroke	4 02 x 4 92 in (102 x 125 mm)	**Three-point hitch**	Cat II, with linkage stabilizers
Displacement	249 cu in (4085 ccm)	Lift capacity	5,732 lb (2,600 kp) at hitch point
Rated speed	2,400 rpm	**Steering**	Hydrostatic power steering
Clutch	Dual, dry disc	**Capacities**	
Transmission	Deutz TW 56 20	Fuel	24·3 gal (92 lit)
Speeds	12 forward, 4 reverse, triple range	Engine crankcase	9 qt (8 5 lit) including filter
Speed range	1 3 to 18 6 mph (2 16 to 30 kmh)	Transmission	38 qt (36 lit)
Gear synchronization	All, column-mounted shift	Hydraulics	14 8 qt (14 lit)
Range synchronization	None	**Tires**	*2 wheel drive* / *4 wheel drive*
Differential lock	Mechanical, foot-operated	Front	10 00 x 16 / 11 2 x 24
Brakes	Externally-mounted, double drum	Optional front	— / 12 4 x 24
Service	Hydraulically-actuated expanding shoe	Rear	18 4 x 30 / 18 4 x 30
Parking	Independent, hand-operated	Optional rear	16 9 x 34 / 16 9 x 34
Power-take-off	Independent, dual-speed	**Bare operating weight**	6,614 lb (3,000 kg) / 7,429 lb (3 370 kg)
Shaft	1⅜ in 6-spline single shaft	**Dimensions**	
Speed (at engine speed)	540 (at 2,025 rpm), 1000 (at 2,170 rpm)	Wheelbase	95 in (2,414 mm) / 96 in (2,429 mm)
		Tread width	60 to 80 in (1,520 to 2,020 mm)
		Overall width	78 in (1,990 mm)

D 7807 features--combination of performance, convenience & value!

Take a close look at the new Deutz-Fahr D 7807 It's loaded with features you'll like — many you'd expect to find only on a much larger tractor Some are highlighted in the photos below

A — Efficient mechanical transmission. It's rugged, but quiet And efficient, as only a mechanical can be Column-mounted synchromesh shifting gives easy operation — and maneuverability, too!

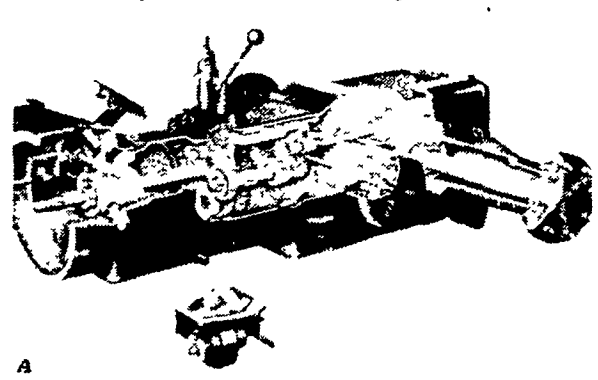
B — Famous air-cooled engine. First time we've used the popular 913 series engine (featured in bigger DX models) to power an "07" model in the mid-size range! Larger displacement for long service life Remarkable fuel economy for lowest operating cost And exceptional lugging ability for the toughest jobs!

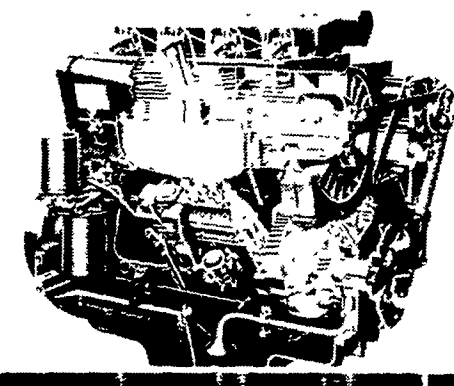
C — Practical convenience throughout. Hinged engine hood flips up and out of the way, for all-'round access to engine area Short turning radius makes the D 7807 as easy to handle as many smaller tractors

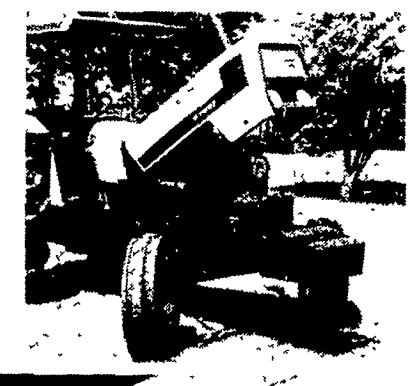
D — Mechanically-powered front-wheel drive. Like all Deutz-Fahr tractors, the D 7807 offers the popular option of four-wheel drive (D 7807A) — with efficient, mechanical drive at the front! And now, with tread width adjustable to 60 inches, you can use Deutz-Fahr four-wheel drive for all-weather, all-crop versatility — even in 30-inch row crops!

E — High-capacity hydraulic system. Powered by tandem, engine-mounted, direct-driven pumps Gives high lifting capacity and quick response over a wide range of applications

F — The name is Deutz-Fahr! The new D 7807 brings our line to nine models, including those previously known as "Deutz" tractors Now the name is Deutz-Fahr — with the same high quality, performance and fuel efficiency

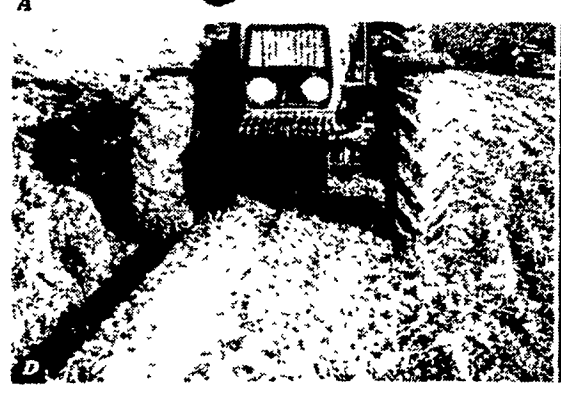


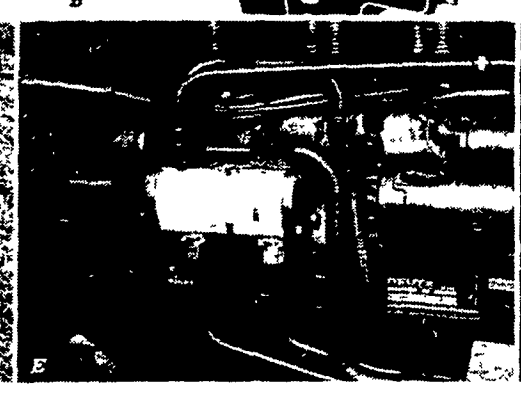




A

B





D

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F

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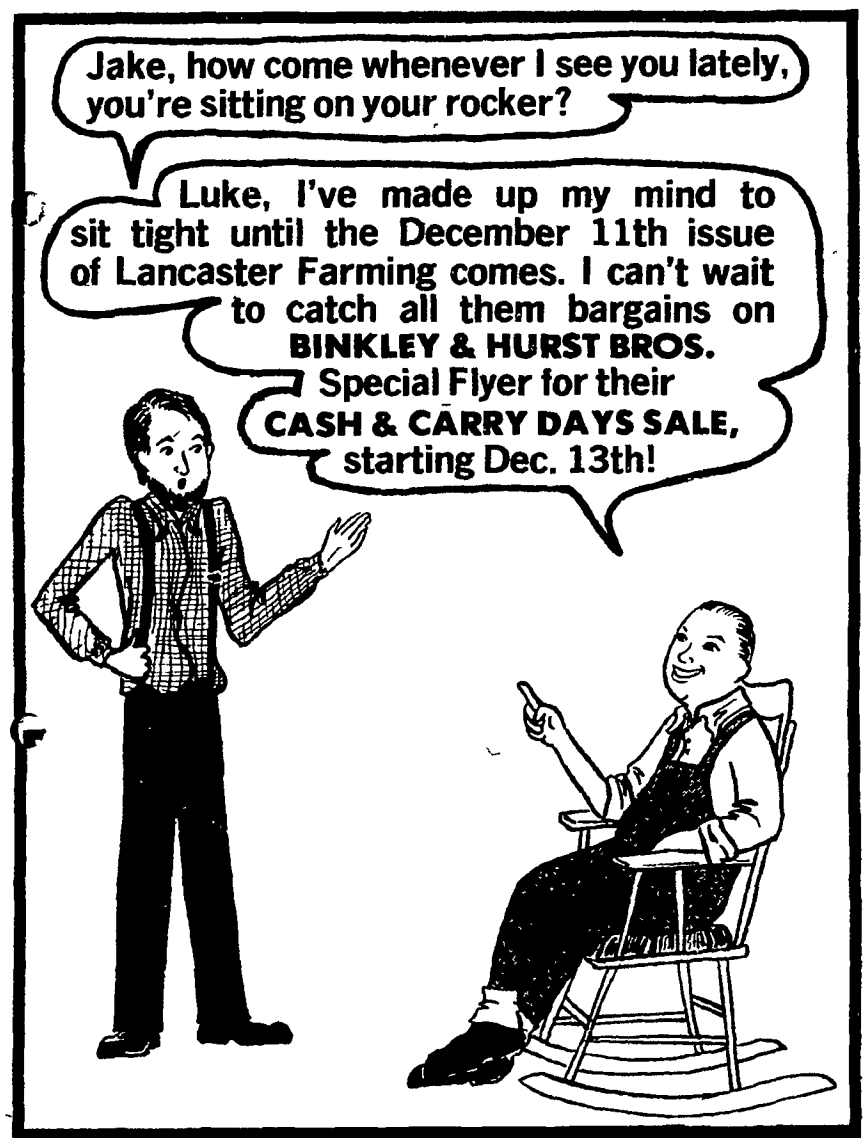
Jake, how come whenever I see you lately, you're sitting on your rocker?
Luke, I've made up my mind to sit tight until the December 11th issue of Lancaster Farming comes. I can't wait to catch all them bargains on BINKLEY & HURST BROS. Special Flyer for their CASH & CARRY DAYS SALE, starting Dec. 13th!

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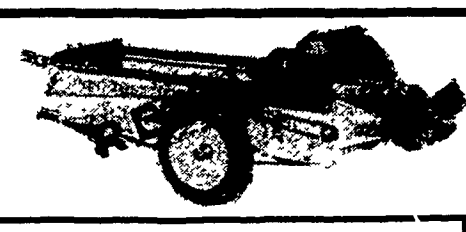

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IH 110 Forage Box (A1)	$2800	JD 65 Blower	$750
JD 115 Forage Box	$1600	Hesston 7012 Blower	$450
NH 27 Blower	$650	Gehl FB 87 Blower (New)	$600

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AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
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214 Spreader
224 Spreader

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NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7Btm, plow
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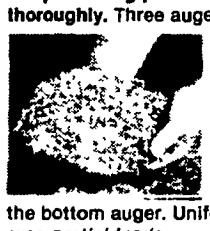
Make every bite right.

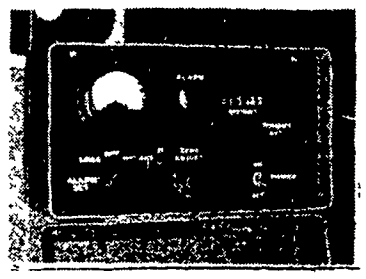
Combine Ensilmixer® feed mixer, with scales, and a Jamesway® TMR system.

You can increase production. Reduce feed costs. And improve labor efficiency. All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor-unloaders, conveyors and cattle feeders). Or, use it with any mechanized feeding system. Whether you prefer the stationary, trailer-mounted or truck-mounted model, it's a real profit-building management tool.

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side. Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger. Uniformly mixes even partial loads.



Precisely weighs ingredients. Accurate weighing means consistent, balanced rations; eliminates waste. Lets you calculate the amount of feed needed and mix that much. Weigh bar system is standard, electronic scales optional.



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle. And, can help make farming just a little bit better. Ask your Jamesway Power Choring dealer.

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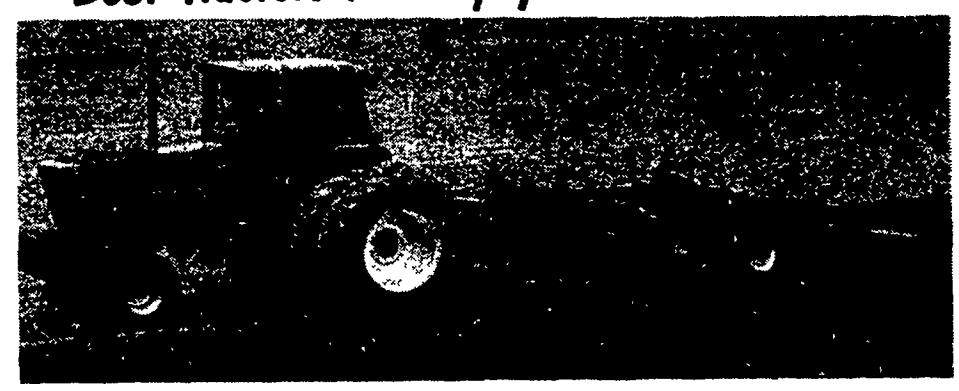

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Good Used Tractors
1100 MF Diesel
460 Farmall Diesel
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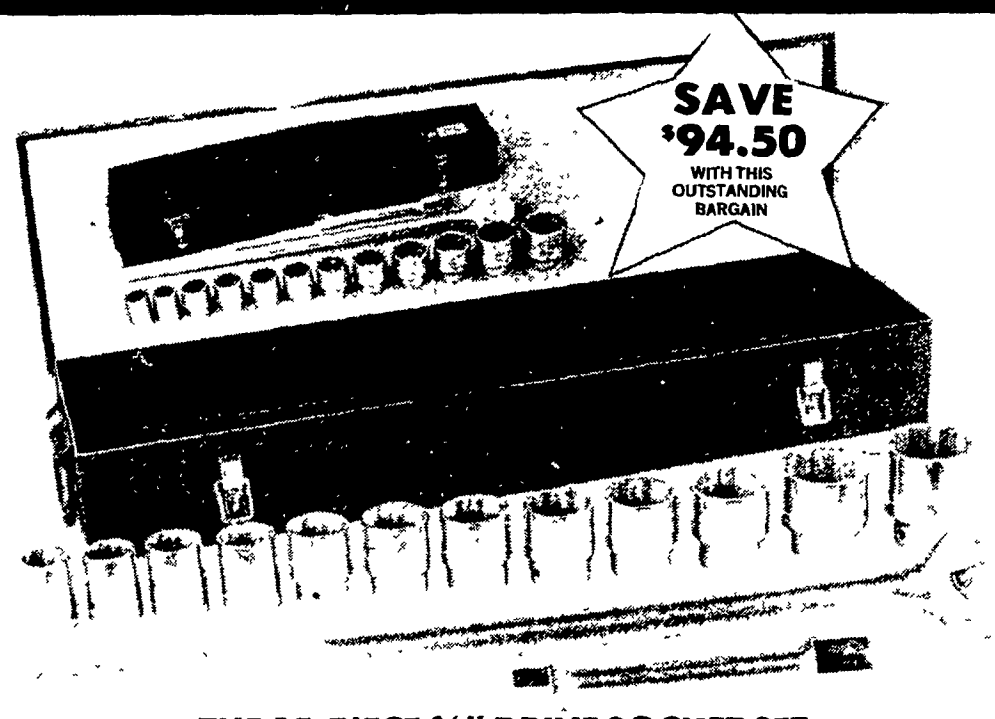


THE 15-PIECE ¾" DRIVE SOCKET SET
Every Farmer Wants

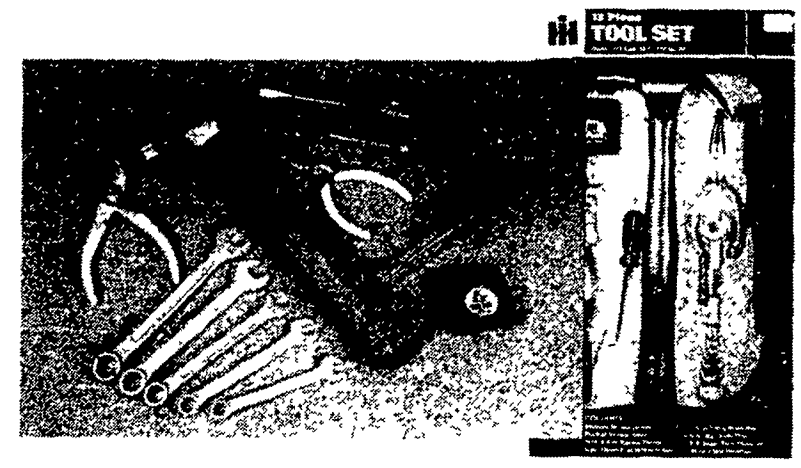
Here's just the set the man on your Christmas list needs... just what he must have for all the big jobs facing him

And, remember, IH sockets are stronger because they're hot forged from A.I.S.I. 4140 alloy steel and heat treated for uniform strength and long wear

This set includes twelve ¾" drive regular length sockets (7/8, 15/16, 1, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-3/4, 1-7/8), 8" extension, 24" reversible ratchet, sturdy metal box. Replacement warranty — if a tool breaks in normal use, return it to the selling dealer for a free replacement 999 478 R1

REGULAR $204.45
(Total individual piece price)

$109.95



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Just the tools needed for those everyday jobs around the house. Quality built into every one of these 12 most-needed items. Includes 16 oz. claw hammer, Phillips screwdriver, pocket screwdriver, ¼ x 4" screwdriver, 6 in. slip joint pliers, 5¾" long-nose pliers, 8 foot tape, 5 open end wrenches (3/8 to 5/8").
1132 162 R1.

Special $19.95

7-PIECE SCREWDRIVER SET

Includes 4" round blade, 6" round blade, 8" round blade, No. 1 Phillips, No. 2 Phillips, stubby screwdriver, pocket screwdriver, plastic tray.
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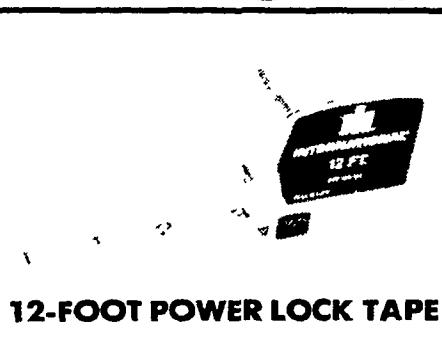
(Total individual piece price)

Special $11.99
Savings $12.47



12-FOOT POWER LOCK TAPE

Blade locks where you want it, rewinds automatically under power. Graduated in sixteenths and thirty-seconds on the first six inches; has stud markings every 16 inches. Chrome plated case, with metal belt clip. 999 129 R1.

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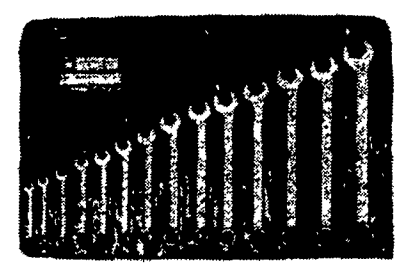
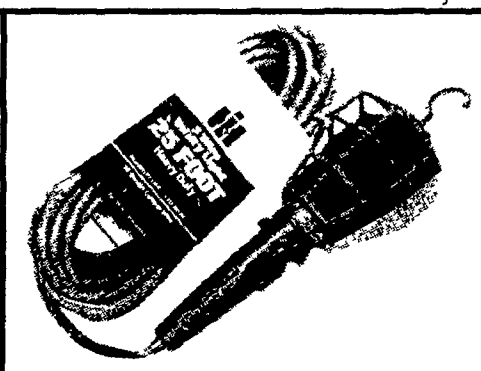


14-PIECE COMBINATION SET

Fourteen combination wrenches (3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4-inch); plastic tool roll. 999 546 R1.

Special $95.99
Savings $29.00

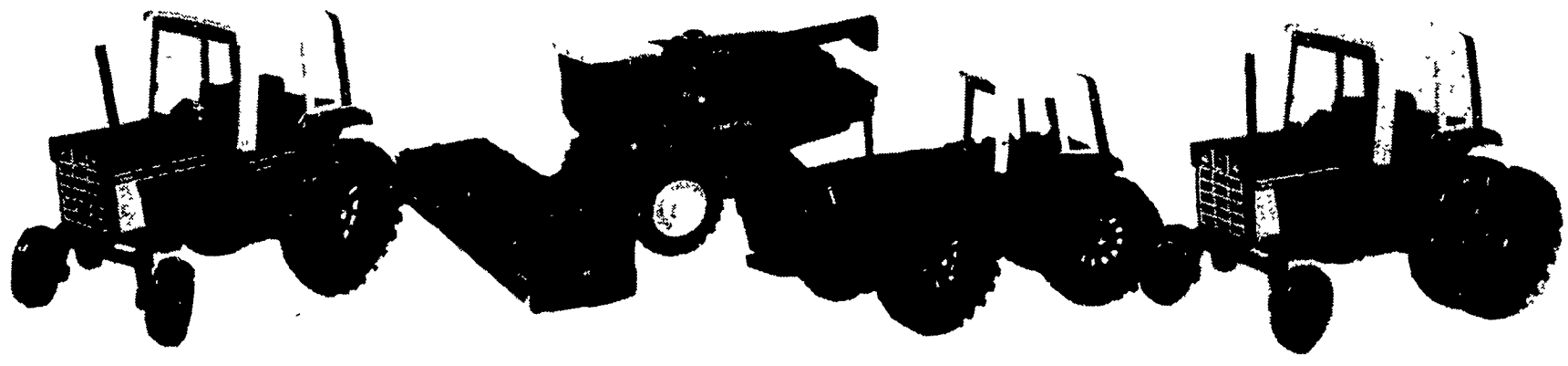


UTILITY LIGHT

Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet comfortable finger grips, 25-ft. cord. 1131 503 R1.

$11.95

Fun Gifts For The Future Farmers In Your Family



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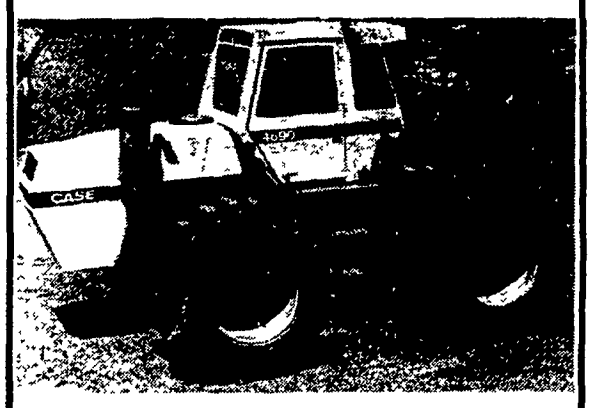
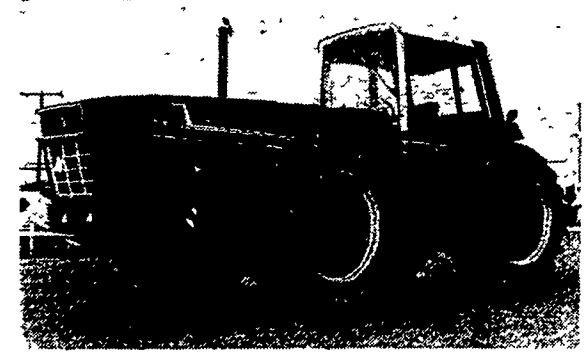


IH 3588, 2+2, 18.4x38, 3 Values, Dif Lock, PTO, 3 Point



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- 7861 - Massey 1805 4WD, 18.4x38 Duals, PTO
- IH 3588, 2+2, 224 Hours, 18.4x38, 3 Values, Dif Lock, PTO, 3 Point
- 7373 - Deere 8630 4WD, 3518 Hours, New Engine, 18.4x38 Duals, 3 Pt. Hitch
- Steiger PT-225 Bearcat 3

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7963 IH 1480 Combine
7138 IH 915D Combine Hydro, Htr. A/C
6126 503C Combine w/Cornhead & Platform
7104 IH 815D Combine w/763 Crnhd & 13' Pltfm
7244 IH 815D Combine Hydro, 23.1x26 8PG
7142 IH 715D Combine Hydro, A/C
7818 IH 715D Hydro Combine 18.4x26 Tires
7757 JD 6600 Combine - Gear
7737 JD 6600 Combine - Gear
7904 JD E4400G Combine w/13' Platform
7222 MF 510 Combine Hydro
5373 MF 300 Combine
7158 AC Gleaner F Combine
7964 IH 883 Cornhead
7438 IH 863 Cornhead
7436 IH 863 Cornhead
6474 IH 844 Cornhead 38"
9493 IH 744 Cornhead
5817 IH 744 Cornhead
4147 IH 4R Cornhead
4221 NH 4R Cornhead
3641 Gleaner GKS 44 4R Cornhead
7719 AC Gleaner A438 Cornhead
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4639 IH 810 15' Flex Cutterbar
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4638 IH 810 Grainhead 13'
4260 IH 13' Grainhead
5152 MF 14' Grain Platform NI 324 Picker w/12 Roll Husking Bed NI 324 Picker w/Sheller MF 750 Combine
7244 IH 815 Diesel, 1894 Hrs.
7757 JD 6600 Diesel
7495 IH 1440 Diesel, Hydro
7904 JD 4400 Gas, 1991 Hrs.
7158 Allis Chalmers Gleaner F, Gas, A-330 Cornhead
7222 MF 510 Diesel, Hydro
7935 IH 1460 Combine Diesel Hydro, 6700x34x30 and 18.4x16.1 Tires

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6432 IH 1586D w/Cab & Air
7302 IH 1486D w/Duals, Cab, A/C
7678 IH 1466D w/Cab 20.8x38
7372 IH 1466 w/Cab 20.8x38 F
7573 IH 1466 24.5x32
7379 IH 1456 w/Cab
7864 IH F1066D
7569 IH 1066 w/18.4x38 8P
7865 IH 806
7606 IH F706D Narrow Ft. 16.9x34
7797 IH 656G Hydro w/2000 Ldr.
7844 IH Farmall 450D w/pulley,
7824 IH 424G
7846 IH 424G
7835 IH 500G Crawler Loader
7825 IH Farmall H w/pulley
7870 IH Farmall H w/pulley
7500 IH Farmall H 13.6x38
7059 IH Farmall M w/IH 2M 2 Row Cornpicker
7449 Ford 335 w/Loader (Industrial)
7861 MF 1805 4WD 18.4x38 Duals
7131 MF 1085 w/Duals, Ldr.
7183 Steiger Cougar III ST-251 w/20.8x34
7718 JD 2010 G w/12.4x36
7305 White 2-155 w/Cab & Air
7373 JD 8630 w/18.4x38 Duals
7722 IH 3300 B Skid Loader
7821 4120 Skid Loader
7962 Ford 3000 w/Loader

TILLAGE

7955 Krause 1577 Disk 16'
7184 Krause 2413 Disk, 23'
7049 Krause 2413 Disk w/3 Bar Tine Harrow
7692 Krause 2204 Disk, 12'
7691 Krause 1924 Disk, 21'
7550 Krause 1588 Disk, 18'
7932 Krause 1587 Disk, 16'
7551 Krause 2224 Disk, 12'
7589 IH 475 Disk 13'
4544 Deere 330 Disk, 23'
7879 Deere 310 Disk 12'
6332 Deere 310 Disk 12'6"
7525 Deere AW 12' Disk
6972 Deere 12' Offset Disk
7561 Deere KBA Disk 12'
7662 Miller Disk 10' Hyd. Leveling
7751 Miller Disk 12'
7880 Bush Hog 24' Disk
7620 Hutch Master Rolling Plow Offset Disk
5584 Sunflower Disk 29'
6033 AC Disk 24'
7413 Oliver 252 Disk 10½'
7950 IH 490 Disk 20½'
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7504 IH 45 17 Shank 8½' Mounted Vibra Shank
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6982 IH 710 6F 18" OnLand Plow
6373 IH 700 5F 16" Plow
7913 IH 550 Plow 5x16
6470 IH 540 4F Plow
7543 IH 531 3 pt. 3F 16" Plow
7688 Ford 4F 16" 3 pt. Plow 3F
7847 IH 209A 2F 14" 3 pt. Plow
6493 Glencoe 11 Shank 13'6" Chisel Plow
7537 Binkley 2111 Digger Disk 11 Shank Chisel

OTHER EQUIPMENT

3288 IH 400 Planter 8R Cyclo
7607 IH 400 Planter 6R
6654 IH 400 Planter 4R Cyclo
6475 IH 400 Planter 4RW Cyclo
7623 IH 56 Planter 4R
7720 AC 600 Planter 6R No-till
7576 Deere 1240 Planter 4R
7567 IH 510 21x7 Comb Drill
7862 IH 510 18x7 Comb Drill
7910 IH 510 16x7 Comb Drill
7554 MF 43 22x7 Drill x. Grass Seed
7369 Bean B6-30MT-1000 Sprayer
6590 Kuker TOP 200 Saddle Tank
6928 Century 300 Gal. Saddle Tank
7555 Deere 150 Gal. 3 Pt. Sprayer w/Boom
7274 FMC Bean D020P300S
7321 Brady Flail Chopper
7615 Brillion SSH-144-09 12' Rotary Cutter
7815 Woods 121 10' Twin Blade Mower
7826 NH 120 7' Cutterbar Mower
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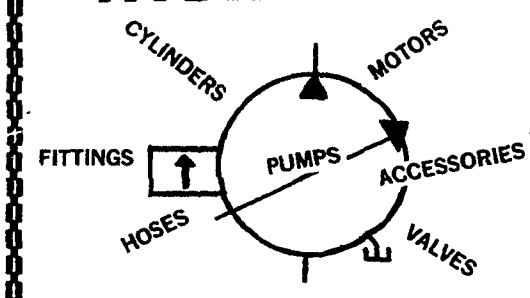

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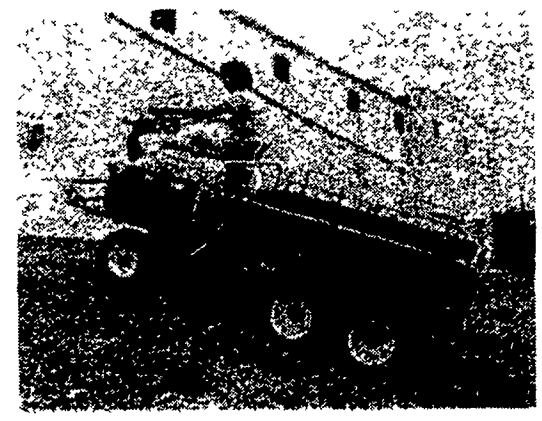

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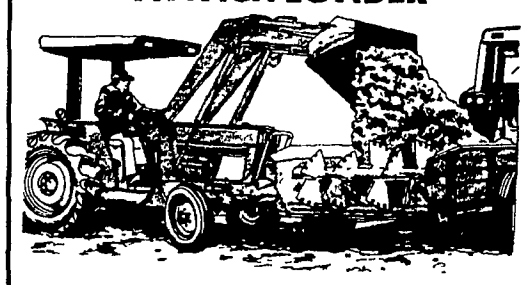

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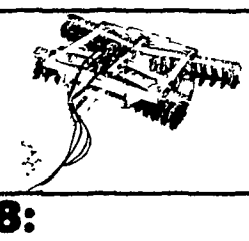

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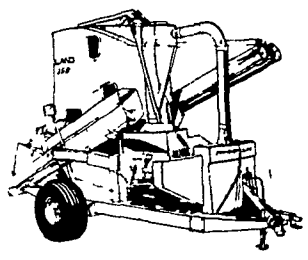

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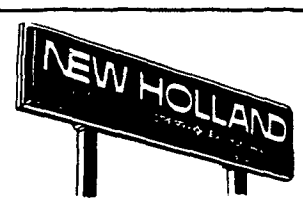

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JD 145 5/16 Plow $1000
JD 220 Center Fold 18'6" Disk, Cushion Gang Attach $4950

FORAGE:
JD 3800 Long Tongue for parts $1100
Gehl Chop-All 2R and Pickup $1200
Gehl Chop-All 1R and Pickup $1000
Fox FA w/1 Row Pickup DC $600
IH Pickup Head for 650 Harvester $500
Fox Sp w/2R Narrow Snapper Head 2R Narrow Corn Head & Pickup $9200

HAYING:
IH 1290 Mow. Cond. 12' .. $2100
IHC 990 Mowr Cond. $1085
NH 268 Baler w/thrower . $1385

MISCELLANEOUS:
IHC 1 PR Picker $1000
JD 400 Grinder-Mixer ... $2600
Cozy Cab for JD Utilities $1200
IH 16x7 Drill $1285
NI 325 Picker w/8 Roll Husking Bed and Sheller Attach $6250

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TRACTORS
Oliver 1750
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Long 350

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NH 268 Baler w/Thrower
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NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

FORAGE TOOLS
NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

SPREADERS
NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
IHC 550 5-16 Plow

CORNPICKERS
IHC 2 MH Cornpicker

SKID LOADERS
NH L35

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Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

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WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
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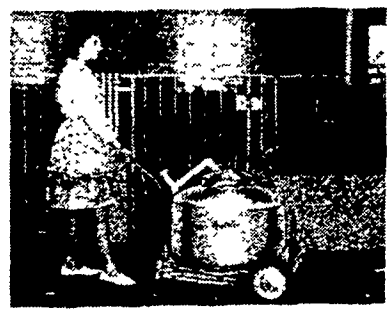

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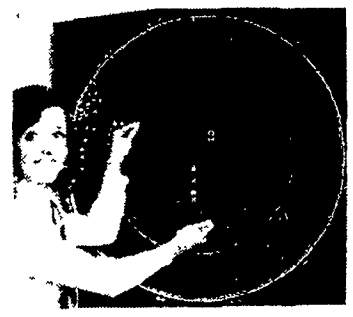

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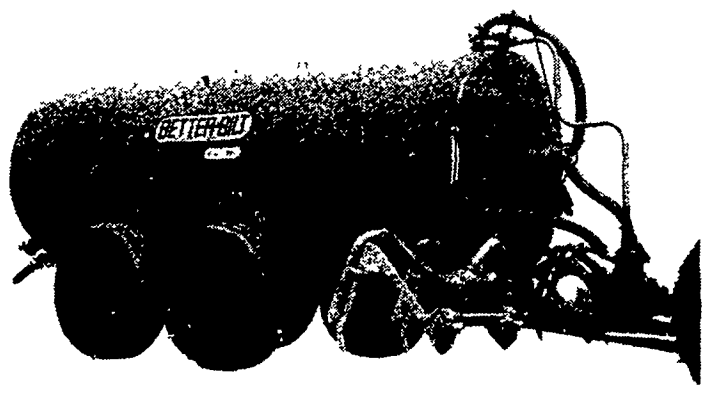

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Farmall Cub w/plow and cult., 1974	$3,975
Farmall Cub Lo-Boy w/Woods mower	$2,350
2 Cub Cadets, model 149 w/mower	$1,795 ea.
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JD 110 garden tractor w/mower	$875
Cultivator for Farmall Cub	$400
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IH 540 plow w/coulters & cover boards	$1,275
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#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
IH #10 single disc, 18x7 drill	$1,975
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IH 400 4 row planter w/insect.	$2,450
IH 56 4 row planter w/insect.	$1,750
IH 455 4 row planter w/insect.	$1,450
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IH 200 rear mtd. 2 row cult. (new)	$775
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IH 430 baler w/thrower	$2,695
MF #10 baler w/thrower	$1,200
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
1190 mower-conditioner	$4,150
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JD 50
Farmall A w/Cultv, Plow & Pulley

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JD 1260 w/monitor
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JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
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JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
NH 717 Harvester w/Corn & Hay Pickup
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 15A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake
(2) JD 216 Fg. Wagons w/Tandem Axle

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
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NH 352 Grinder Mixer
(2) Badger Wagons w/3 btr., roof &6 whls.

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2040
JD 2550
JD 2640
JD 2940
JD 2940 SG

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JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round Balers
NH 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
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JD 714 Fg. Wagon
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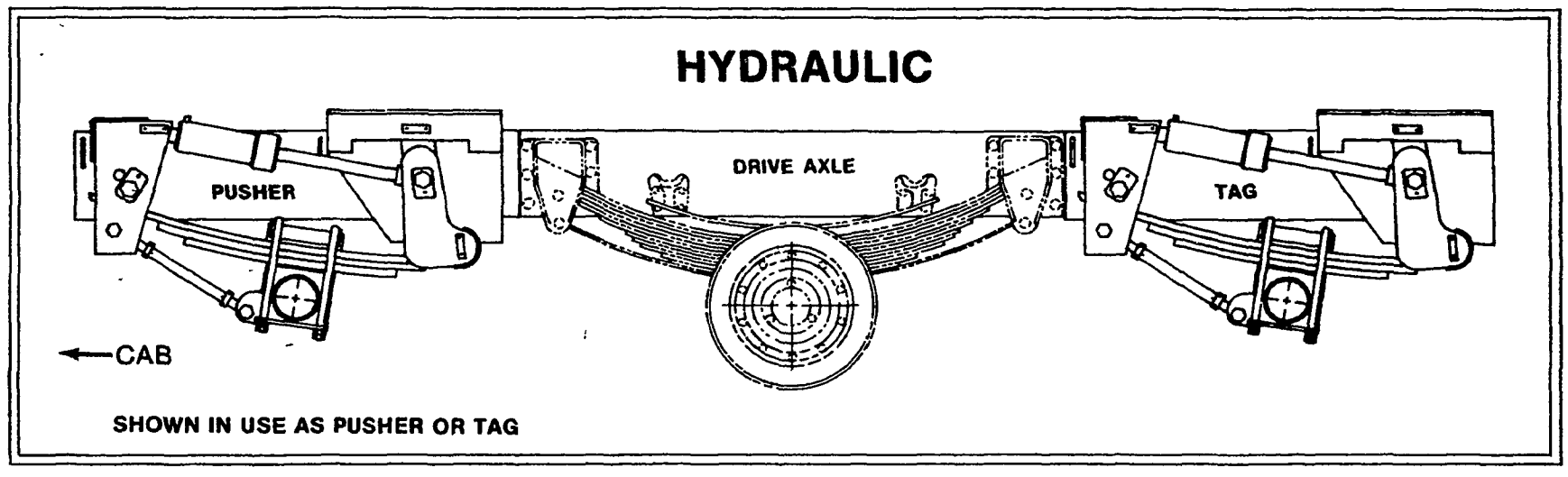

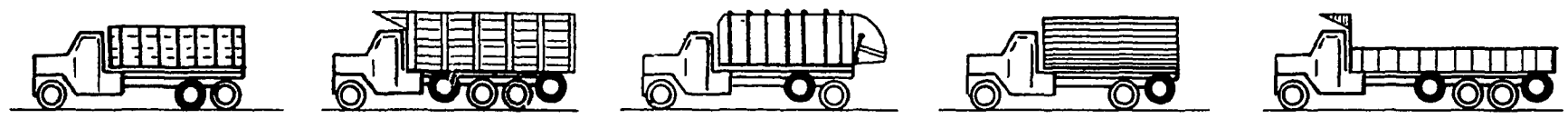

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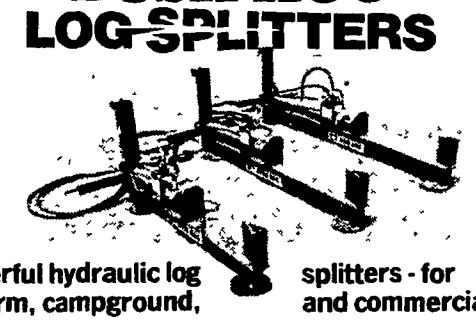

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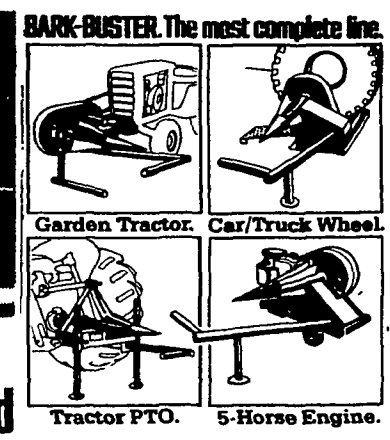

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JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
IHC M Tractor
IHC Super M Tractor
Ford 9N
Case 530 Backhoe
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7720 Combine w/643 Corn Head & Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
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JD 244 Corn Head
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JD 115 Chuck Wagon
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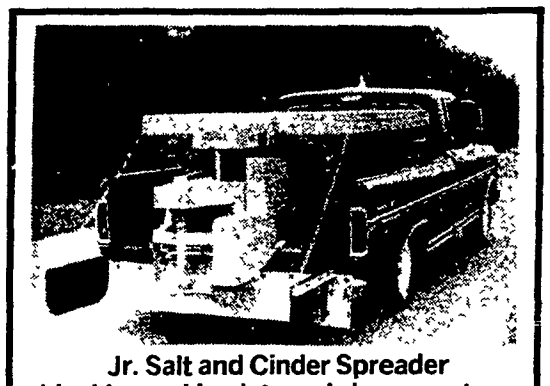

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JD 1550 Backhoe	$3,750
JD C392 Spin Spreader	$825
JD 397 Mower	$600
NH 847 Round Baler w/auto wrap	$7,950
NH 679 Manure Spreader w/end gate	$6,400
NH 38 Crop Chopper	$4,900
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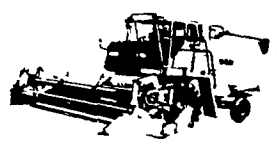

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MF 540 diesel combine
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MF 1144 corn head
MF 1163 corn head
MF 13' table
MF 15' table w/floating cutter bar
MF 13' Ull reel
MF 15' Ull reel
MF 520 disk, 22" 12' scraper
Glencoe soil saver $4,950

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MF 235 diesel tractor
MF 165 diesel tractor
MF 760 combine 16' Corn & grain head
MF 510 diesel combine
MF 550 combine w/13' table & 43 corn head, 200 hrs.
MF 24, 33, 43, 44 corn heads
Heavy duty front end loader for a Ford or Ferguson, excellent condition.
Ford 9N gas tractor
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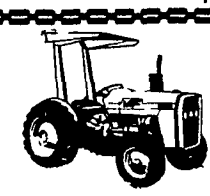

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IH 184 Tractor w/Mower & Frt. Blade
IH 284 Tractor w/Mower
IH Farmall Super H Tractor
Ford Loader for Ford 2000, 3000 and Any to 8N
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 275 Tractor
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 1010 Tractor
MF 40B w/Cab
MF 40B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

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Allis Chalmers 210, 190XT, 185 like new
Ford 7000, 3400 w/loader, 2000
MF 175 diesel, 1100

Used Combines:

JD 4400 gas
MF 300 quick tach
JD 4400 diesel
JD 45
JD 6600 diesel w/hydrostatic drive
JD 55 corn special

Used Corn Heads

JD 2, 4 & 6 row corn heads
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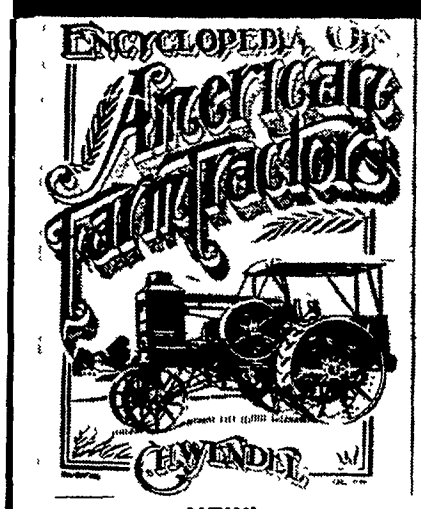

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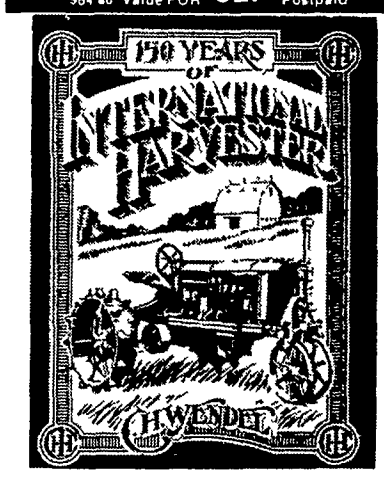

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JD 4030
JD 3010
JD L Tractor w/plow & cultivators
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MM 32 blade transport disk harrow
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NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
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JD 7000 6 RN Conservation Planter
AC 4 row no till planter
White 5400 6 row N. no-till planter
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JD FB 13x7 grain drill
IH 13x7 grain drill
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5088
3288 w/air
584 RC
284D
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
41 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
40 cultimulchers Dunham Lehr
1302 Holland trans-planter
Gyrostar, tedder and rake
M-5 Woods mower
Woods scraper blades
445 Utah potato harvester
Hesston 245

USED EQUIPMENT
NH 479 mower cond.
Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
45 vibre shank
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Lockwood 2 rw. potato harvester
Owatona self-propelled windrower Model 25G, 10'
Owatona self-propelled windrower Model 30, 10', w/crimper rolls

USED EQUIPMENT
IH 3200A, Skid Steer Loader
NH Skid Steer Loader

NEW EQUIPMENT
SPERRY NEW HOLLAND
310 baler
488 mower cond.
519 spreader
442 disc mower
258 rake
256 rake
782 harvester

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Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford 8N
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
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Ford QT 772 Loader
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
NH 516 sgl. btr. spreader
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MF 66 3B Plow
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16' Drag Harrow

Hay Equipment
AC Forage Harvester
IHC Forage Harvester
(2) NH 717 Harvesters
NH #36 Crop Chopper
MF #35 Rake
Badger 14' Fg. Box

Combines
MF 205
NH 962 4 RW C.H.

Miscellaneous
NI 214 manure spreader
NH Super 717 Harvester w/2 heads
Gehl 2600 Skid Loader
NH L35 Skid Loader
IH 13 Disc Drill
Ontario Disc Drill
NH 513 Manure Spreader

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AC 6060 2 Wheel Dr.
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Case D 580 Loader
MF 202 wheel loader w/loader & Mower
Kubota B7100 w/loader & bucket

BALERS
NH 268 w/thrower
NH 273 w/54A Thrower
NH 282 w/thrower
NH 283 w/62 Thrower
NH 315 w/58 Thrower
NH 320 w/70 Thrower

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NH TR 70 w/Flexhead 6 R Cornhead
NH 995 w/Grain Head & Corn Head
JD 105 w/444 C.H. and G.H.
JD 55 w/12' Grain Head
AC CII
AC F330 Corn Head

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NH 362 Tank
NI 224
NI 214
Hawk Bilt 207

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JD 25A Flail (2) NH 462 Disc

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IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
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AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.
AC 700 6 Row

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(2) NH 479
NH 490
NH 467
NH 495
NI 299 Mow/ditioner
(2) NI 279 cut/ditioner
NH 1495 D Hydro 12' S P
Hesston 620 windrower

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(2) NH 260 NI Bar
(2) NH 256 V Tandem Hitch
NH 258 IH 35

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NH 1012 Bale
NH #8

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NH L778 diesel
NH 445 w/Deutz Diesel

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NI 323 1 Row Picker
NI 324 Super Sheller
JD 237 Mtd. Cor SOLD er
NI 324 Corn Picker 2 Row

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Little Giant 32' Elevator
Ford Sickle Bar Mower
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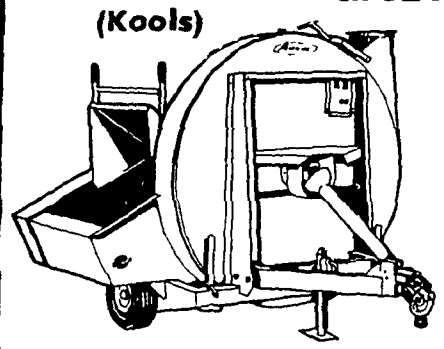

New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

FALL SPECIAL $1,700

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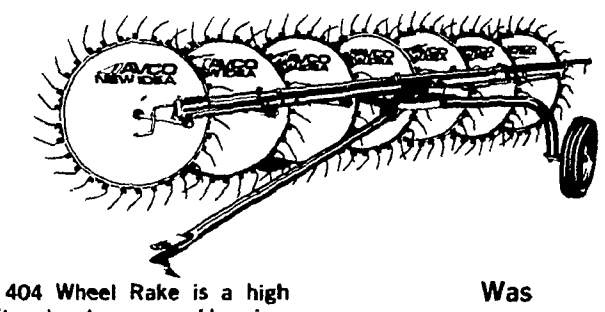

The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

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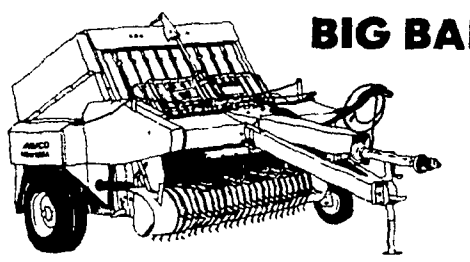

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11 ft - 11 tooth 3 pt 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1868.00
STC - 16 Folding Wing 16 ft Transport Brillion Field Harrow	$2595 00	$ 3.00	$2238.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$6029.00
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USED EQUIPMENT

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729A Uni Sheller	$3750 00	$ 5.00	$3155.00

USED EQUIPMENT

JD 400 Grinder Mixer
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 115 Mixer
Gehl TR 3038 2RN Corn Head, (1 yr. old)
NI #213-215 3 btr. Spreader
NH 512 Spreader w/Hydraulic Gate
Bush Hog #207R 7' Pull Type Rotary Chopper
MC Direct Trail Flail Chopper
NH 6' Flail Chopper
AC Model A 12' Combine

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IH 706 Gas Tractor w/fast hitch
Gehl Model 100 Hydrostatic drive Grinder-Mixer, 1 year old, good condition.

Used Uni Equipment

701 Uni Tractor w/Cab, 720 Corn Head & 726 Husking Bed. 713S Flex Grain Platform, (2) 725 3RN Corn Heads, (1) 724 3RW Corn Head.

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Hesston #1580 Tractor (130 h.p.) w/cab
Hesston #980 4 Wheel Tractor (90 h.p.) w/cab
Hesston 7600 SP Forage Harvester
Hesston 6550 Diesel SP 12' Windrower
Little Giant Model 21 34' and 38' Transport Elevator
Caldwell 7' & 8' 3 pt. Blades
NI 213-217 176 Bushel Manure Spreader
NI 214-217 206 Bushel Manure Spreader
NI 244 Manure Spreader
NI 245 Manure Spreader
Pequea #250 3 pt. Cord Saw
Wic #45 5 h.p. Hydrostatic Self Propelled Silage Cart
Wic 7 h.p. straw chopper
4 star 3 pt. Round Bale Spear
802 Uni w/power assist, 838 husking bed and 844 Narrow corn head

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MF 86 12 Ton Tandem Gear	$1525.00
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EZ 672 6 Ton Gear	$675.00
EZ 1074 10 Ton Gear	$1050.00
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Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
EZ 170 Bu. Gravity Box	$550.00
EZ 220 Bu. Gravity Box	$900.00
Danuser Post Driver	$1300.00

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MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	$5700.00
(4) MF 1 row Corn Head for 200	@ $900.00
MF 22 Bale Thrower	$1520.00
(2) Farmhand F7 Hay Rake	@ $1995.00
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(2) Mott 3 pt. 72" Flail Mower	@ $1500.00
Farmhand Grinder-Blower	$4500.00
Conveyor For Above	$950.00
Farmhand 815 Grinder Mixer	$4900.00
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EZ 14' Forage Box, 10 Ton Gear	$3715.00
EZ 14' Forage Box, 1074 Gear	$3950.00

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Gehl SP Harvester	$1,200.00
MC Rotary Scythe	$3,900.00
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Badger 16' Fg. Wagon	$1,200.00
MF 1440 Round Baler	
MF 1560 Round Baler	$5900.00
2 Gravity Box Wagons	

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AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 33 Wheel Loader	$9000.00
MF 2675	$20,000.00
MF 1130 engine overhauled	$8000
MF 178 Diesel	$4500
MF 1135 w/cab	$12,500.00
IHC 1456	$9,500.00
MF 2775 Diesel 165 H.P	

DEMO TRACTOR

(2) Ind 20C Tractor Cabs	@ $1500.00
MF 4840, 265 Hp, 18 sp 3 pt P.T.O	$59,000.00
MF 275 8 Speed	$12,800.00
MF 285	$18,500.00
MF 2745	$28,000.00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
IH 414 Semi-Mtd. Plow	$600
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

NEW & DEMO PLOWS & TILLAGE

MF 129 3 pt. Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
MF 428 4-38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950.00

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1976 MF 750, 4 Whl Drive w/6R & 4R Corn Heads & 15' Floating Grain Table	$39,000.00
1976 MF 750 Hydro, 14 Ft. Grain Head	$29,000.00
1976 MF 750 Gear Drive, 14 Ft. Grain Head	$26,000.00
1975 MF 760 V8, 15 Ft Grain Head	$29,000.00
1975 MF 760 V8 Hydro 15' Grain Head	$28,000.00
1975 MF 510 Diesel 13' Grain Head	$19,000.00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500.00
1974 JD 6600 Dsl., 13' Grain Head	$24,000.00
1972 MF 410 Diesel 13' Grain Head	$10,500.00
1972 MF 300 Gas 10' Grain and 2 Row Corn Head	$10,500
1971 MF 510 Diesel 13' Grain Head	$14,500.00
1969 MF 510 Diesel 13' Grain Head	$12,500.00
1968 MF 510 Diesel 13' Grain Head	$13,500.00
1968 MF 510 Diesel 13' Grain Head	$10,000.00
1968 MF 510 Diesel 13 Grain Head	$15,000.00
1968 MF 510 Diesel, 13 Ft Grain Head	$10,500.00
1968 Gleaner CII, 13 Ft Grain Head, 4 Row 36' C H	$8500.00
IH 315 Gas, 12 Ft Grain Head 2 Row Corn Head	$7900.00
IH 141, 10 Ft Grain Head	$2000.00
IH 303, 10 Ft Grain Head	$2900.00
AC CII Gleaner with Grain Head	$2,900.00
AC A Gleaner	$2,000.00

NI 702 Diesel Tractor, 767 Super Chopper, 763 Corn Head, 717 Combine, 13' Floating Grain Head

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JOHN DEERE EQUIPMENT FOR SALE

JD 8300 18x7 grain drill, like new
JD 1010 22½' horizontal fold field cultivator, like new
JD 535 truck mtd. sprayer, 40' boom, excellent
JD 535 truck mtd. sprayer, 40' boom, excellent
Myers 8' Snow Plow, front mtd. for ag tractor

THE ABOVE EQUIPMENT IS FROM AN ESTATE AND IS IN EXCELLENT CONDITION PLEASE CALL FOR AN APPOINTMENT TO LOOK AT ANY OF THIS EQUIPMENT

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IH 284 D 2 wheel drive
IH 784 4 wh. dr. w/TA
IH 3688 w/rops and 18.4x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 284 D 2 WD
IH 3088 w/16.9x38 tires
IH 784 w/TA
IH 684 w/TA

NEW EQUIPMENT SPECIALS

TILLAGE
IH 510 4F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

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IH 186 D w/cab hydro nice	$22,500
IH B275D Tractors	$1150
IH 806 D w/3 pt.	$8500
MF 1080 D	Coming In
IH F 300 Gas w/2 pt.	$1750

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IH Sheller for 234 Picker	$950
Fox 1 Row Corn Head for a 546	$150
JD 30 Pull Combine	$1150
IH 64 Pull Combine w/Cub Eng.,	$350

USED HAY EQUIPMENT

IH 990 7' mower conditioner	$1750
IH 37 Baler w/thrower	$1800
IH 27 Baler w/thrower	$1500
NH 469 mower cond.	$2350
Hesston 1010 10' hydro-swing mower cond.	$3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit	$5250
IH 2 rw wide and narrow head for 720 and 830 harvesters	$1650
IH 45 Table Blower	$200
JD Bale Thrower, for a 24T Baler	$150
IH 120 Mower (Balanced Head)	$650
MF #10 Baler	$350
Brady 6' Stalk Cutter	$450

Waiver of finance until 6-1-83

USED TILLAGE

IH 315 - 12' packer mulcher w/cyl.	$2150
Ford 142 Auto. Reset, 5F, 18"	$2250
IH 401 16' Harrow	$600
Athens 8 Tooth mted. chisel plow	$1250
Leley Roterra 12'	$950
IH 60 3F 14" trailer plow	$375
IH 550 5F 16" plow	$1250
IH 710 5F 16" plow w/cyl.	$2250
IH 37 10' disk	$750

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Hawk Bilt 2195 Flail (New) spreader w/hyd lid	$5350
NI Model 211 Spreader (Nice)	$1350
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IH 574 Gas, Utility
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IH 560 Gas, 400 Gas
IH 350 Farmall, PS
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(2) Farmall M
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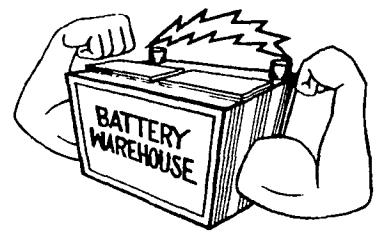

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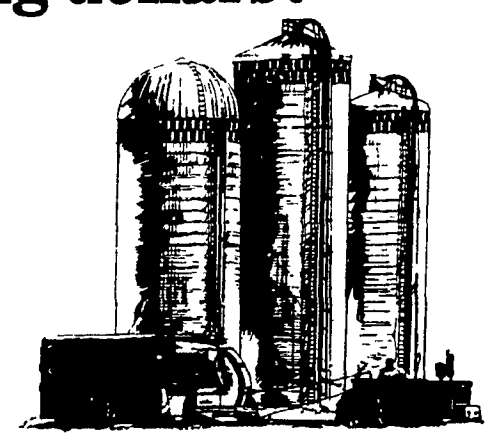

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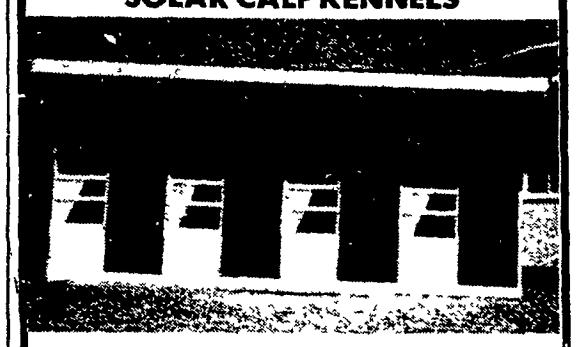

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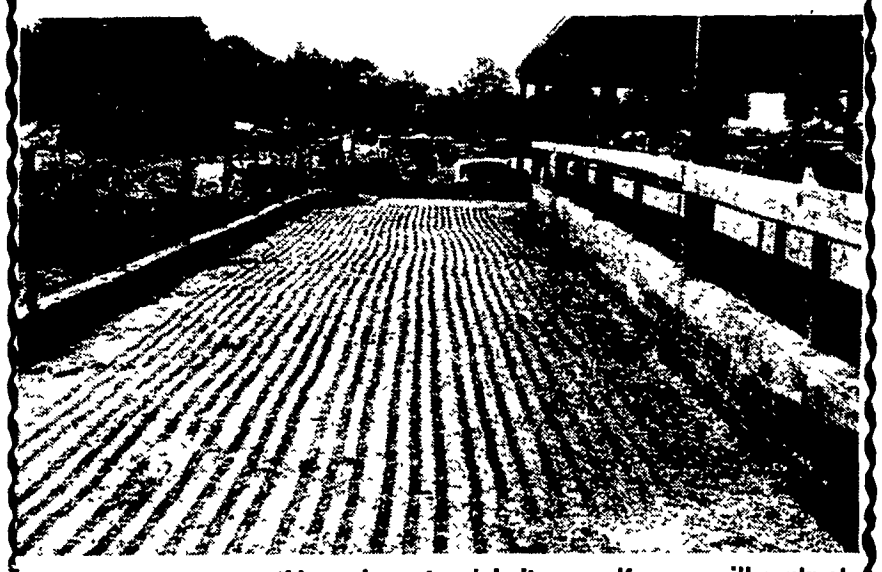

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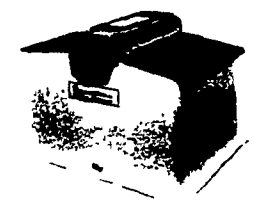

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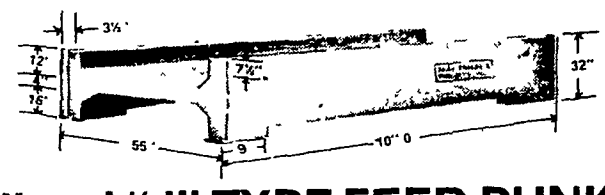

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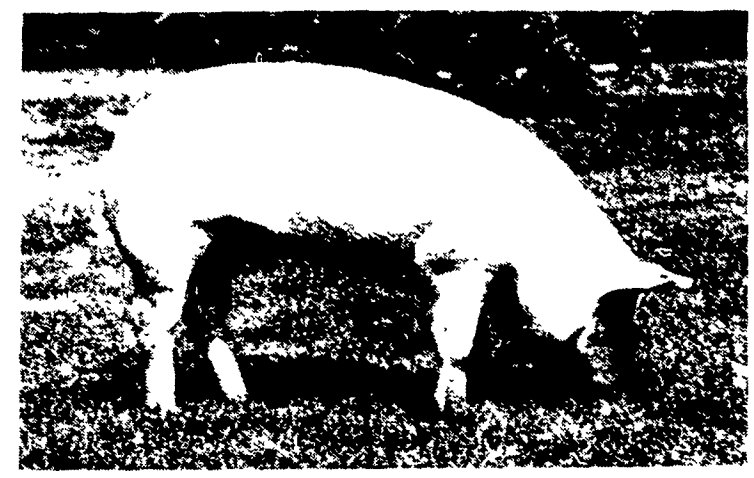

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CONTRACT OR SPOT PURCHASE
480,000 bu. Storage capacity
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Large Round Bales; Excellent Quality
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- Also Large Square Hesston Bales, Grass, Timothy, Some Clover $60, $70 per bale loaded.
- We Also have Excellent Quality haylage Available Now, Testing High In Protein and Energy w/Excellent Palatability $35/Ton Loaded.
- We Are Presently Sold Out of Small Conventional Bales. THANKS TO ALL OF OUR CUSTOMERS FOR THEIR SUPPORT!

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717-624-2429 After 6 PM

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Buyer of shelled or ear corn. John J. Hoober, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

Shelled corn for sale. 412-794-3863

Will buy moldy grain. 301-833-1847

Wood shavings, sawdust, kiln dried; bag or bulk, year round supply, excellent quality hay, straw and all horticultural products. Jerry Migli, Hobart, NY 607-538-9492

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

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For Sale - Bright, heavy oats at $7 cwt. Ear corn at $75 per ton. 2nd cut alfalfa and timothy, 1st and 2nd cut alfalfa and clover mixed, bright wheat and oat straw, corn cobs. Phones eves. 201-735-8389, 735-4408. Daytime 201-735-5374

Corn silage for sale. Can deliver to your farm in truck load lots or would be able to fill your entire silo. 717-872-4058

Quality alfalfa, mixed hay and straw, delivered anywhere, Martin Brothers, Olivet, Michigan, 517-543-1642

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Nice, bright wheat straw, Stump Acres, 717-792-3216, York Co.

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Timothy/Clover mix. Good and medium grades delivered in seven ton loads *Reasonable*. 301-398-5123

Dry shelled corn for sale 717-569-6641

Top Quality Alfalfa, mixed hay, no rain, excellent for horses. Delivery can be arranged Phone 814-749-8489

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Picked up at your farm or delivered to Manheim.

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100% thru 100 mesh 45% CaO, 80% CaC03 3% Potash, USDA tested and proven ENP=80 Only $4.00 per ton F.O.B. Bangor, Penna

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Test analysis show analysis up to 33-69-32.
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- Add organic matter to soil.
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Soybean roasting on your farm. Dale L. Schnupp. RD 6 Lebanon, PA 17042. 717-865-6611

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Ask for Jon

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Grain Storage: Erection, sales and service, Call 717-933-5358.

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Will haul hay, straw and livestock. 717-627-3839 or 626-6904

Custom Liquid Manure Hauling
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York, Lancaster & Northeast MD
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We are seeking a new full line dealership in this area to carry the "Prime Line" of Hesston farm machinery. You'll work with a quality line of machinery, with the best back-up organization in the industry. Let us tell you more about the franchise with a future!

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RD #2 Narvon, PA

HELP WANTED

TRUCK DRIVER AND DISPATCHER NEEDED to operate tractor trailer trucks for rapidly growing vegetable processor in central Pa and to dispatch contract truckers and harvesting equipment during 3 month processing season. Must have agricultural background and truck driving experience and be able to communicate effectively. Write to Lancaster Farming, PO Box 366 R-34, Lititz, PA 17543

Help Wanted - General mechanic for farm and industrial equipment. Immediate opening. 717-569-9861

Help Wanted - Herdsman for modern dairy farm. Duties include milking, feeding, general care of cows and heifers. Salary, house, milk, meat, vacation, insurance. Must be experienced. Send resume with references: Butternut Dairy, Box 207, Mt. Upton, NY 13809

Manager wanted for local co-op. Agricultural background with knowledge in feeds, grain marketing, seeds and fertilizer. Send written resume by Dec. 15 indicating experience, education and references to Lynn Ausherman, 7816 Blacks Mill Road, Thurmont, MD. 21788

Person to work on farm. Can furnish 7 room house. John Strawbridge. 301-996-2022

Looking for self-employment or a second income? "Coastal Fly Control" needs men to sell, install, and service the "automatic fly control system." Large sales areas are available for this advancement in insect control. For more info. and applications call 717-872-8358

Reliable and ambitious person to work in new 500 sow farrow to finish swine farm located in northeast Lancaster Co. Mail resume to Swine Farmer, 457 E. Main Ave., Myerstown, PA 17067 or phone 215-445-4501 or 717-866-7565 for more info. Position available immediately.

Farmer needed to operate 500 acre New York general farm, salary plus percentage of profit, nice homestead on farm 717-464-4135

CUSTOM WORK

We custom build double chain wooden feed conveyors and tapered board feeders. We welcome dealer inquiries. Samuel K. Stoltzfus, 550 Beechdale Road, Bird-in-Hand, Pa. 17505

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Concrete manure tanks above and below ground. Will design and build to fit your needs and condition. D.E. Stoltzfus Construction Company Fleetwood, PA 215-944-0404

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Complete Remodeling
• Bathrooms • Kitchens
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Can stain wood doors and trim to match paneling.

HELP WANTED

Married farmhand, experienced with dairy and equipment required. Housing provided, 814-267-3724 eves.

Caretakers: Looking for country positions? Landowners: Need help taking care of your place? Get together through The Caretaker Gazette, Box 342, Carpentersville, IL 60110. Send SASE for free information.

Single person help milk and general farm work. Lancaster County. 717-653-5155

Part Time person for service on farm products. All tools and truck furnished. Must live within approx. 10 miles of Sunbury, Pa. All day work. Good pay. Reply to Box 366 J-254, c/o Lancaster Farming, Lititz, Pa. 17543

HELP WANTED

Person to milk on 500 cow dairy, 60 hrs. per week and regular time off included with good salary base. Housing may be available. Experience not needed but helpful. Additional compensation if qualified to work as night head milker. 301-374-2999 day, 374-4718 eves. after 7.

GOVERNMENT JOBS Immediate openings overseas and domestic 20,000 to 50,000 plus a year call 312-920-9675 extension 1370A

Lycoming Co. farmer needs housekeeper, must love children. Send resume and photo to PO Box 366 J-253, c/o Lancaster Farming, Lititz, PA 17543

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For Agricultural Sprayer dealer. Large territory. Draw against commission. Call for interview appt.
Lester A. Singer
717-687-6712

AGRICULTURAL SALES REPRESENTATIVE
We Are Still Looking For The RIGHT Person

We are looking for an individual who is currently working in an agricultural business with a "strong" ag background.

Join a company where past November business sales volume has been better than 1981, which was one of the best! Forecast for the balance of 1982 is to exceed 1981 near-record sales!

Our product is a 'big ticket' item that lessens production costs of a farmer. Income potential is $35,000 plus. Territory would be Lancaster and Chester County areas. Inquiries are treated confidentially.

Box K-46
c/o Lancaster Farming
P.O. Box 366, Lititz, PA 17543

BUSINESS OPPORTUNITIES

FOR SMALL ACREAGE

— FARMS —

in the Lancaster Farming area that need extra income due to the recession. If interested please let us make an appointment with you to discuss this program.

Contact: B.H. Thompson
Box 396, Warrenton, Va. 22186
Tel. (703) 347-9611 or 636-6453

HELP WANTED

POSITION AVAILABLE
Married Person to Fill Position on 75 Head Reg. Holstein Dairy Farm in South Eastern Pa. Duties Include: Milking, Feeding, Heat Detection, General Farm Chores, Minimal Field Work. Salary Negotiable, Nice 3 Bedrm. House, Good Benefits, Send Resume & References to Lancaster Farming, P.O. Box 366 J-252 Lititz, Pa. 17543

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FREE LUBRICATIONS & OIL CHANGES FOR 1 YEAR FROM DATE OF PURCHASE.
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YORK TRUCK RENTAL, INC.
A FULL SERVICE LEASE COMPANY

ALL EQUIPMENT EXCEPTIONALLY CLEAN, WELL MAINTAINED & RECENTLY INSPECTED

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1975 CHEVROLET 14' STAKE TRUCK CE60
366 V8, 5 sp, PS, 900x20 tires, 23,160 GVW.

1977 FORD PICKUP F150
½ ton styleside, 300 6 cyl. engine, auto. trans., AM radio, exceptionally clean.

1975 CHEVROLET 20' VAN TE67
366 V8 engine, AT540, automatic transmission, aluminum body w/curbside door and roll-up rear door, power steering, radio, new paint.

1977 CHEVROLET 18' VAN CE67003
366 V8 eng., 5 spd. trans., P.S., tilt hood, radio, 50 gal. tank, 27500# GVW, 1000 x 20 tires. O/H rear & curb side doors, 2500# Liftgate.

1978 FORD DIESEL - 16' VAN LG LN7000
Real nice - new paint - 27500 #GVW, air brakes, 2 spd. rear, cat 3208 175 hp. eng. P.S., OH. Rear, C.S. Door 3000# L/G

1978 IHC 20' VAN LG 1750
DT 466 diesel engine, 9000 lb. front axle, 19,000 lb. 2 sp. rear axle, 5 sp. trans., PS, 1000x20 tires, new paint.

USED TRACTORS

1977 CHEVROLET DH9203
Cummins Formula 290 engine, Fuller RT 1110 trans., 10 speed, A/C

1977 FORD LN9000
Single axle diesel, conventional cab, 6-71N Detroit engine, RT 910, 10 sp. trans. PS, new paint.

1977 GMC JC9640
Tandem axle, diesel, conventional cab, Formula 290 Cummins engine, 10 sp. trans., PS, air conditioning, low mileage, new paint.

1977 FORD LNT9000
Tandem axle diesel conventional tractors, 8V-71 Detroit or formula 290 Cummins, 10 spd. trans., P.S., A.C. 10.00x20 tires, sliding 5th wheels, with or without new paint.

16' & 20' ALUMINUM VAN BODY
1977 & 1979 Morgan, pre-painted white aluminum panels, overhead rear door, curb side door, 10" dock bumper & slated interior w/or/w/out liftgates.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

HELP WANTED

Ag Equipment territory rep to tree, fruit, vegetable growers, East U.S., new England. Must be sales oriented, aggressive, self-starting, willing to travel extensively. Ag background preferred. Salary, commission, car and expenses If willing to give 100% effort, send resume to:

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AgTec Division
4900 Viking Drive
Minneapolis, Minn. 55435

TRUCKS & TRAILERS

1969 F-600 10' dump, A/B, P/S, 10/20, 5/2, new red paint, $3,900
1964 Int. H. 16' flatbed dump, 5/2, 8.25/20, not run since PA inspection, new red paint, $3,200
1976 F-600, 1250 gal. vacuum septic truck, 4/2, 8.25/20 exc. cond., $10,500.
1974 F-600 1000 gal. vacuum septic truck, 4/2, 8.25/20, $6,500.
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Mason-Dixon Line Eq. Sales
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301-452-5660
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*SEE THE NEW '83
*SPECIAL DISCOUNTS AND REBATES ON ALL '82 CARS AND TRUCKS
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*4 WHEEL DRIVE D50 PICK-UP SPECIAL
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Located in the Village of Farmersville, Lancaster County
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LOW CLASSIFIED RATES WITH EXCELLENT RESULTS!

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Sawmill Wanted - Operating or not to be moved to NJ, distance not important. Please call 609-653-1018, ask for Kevin or Dave.

Situation Wanted - Experienced milker seeks work on Dairy, Reference Call 301-658-3818

Farmette - Northwest PA, setup for dairy now, many uses, sale, lease or rent, 1983. For information call 814-398-8073

BUSINESS OPPORTUNITIES

Farm horse magazine for sale. 518-677-5707

TRUCKS & TRAILERS

Trailers for sale - Fruehauf 40x12'6" slider on 20. Fruehauf 40 aluminum livestock van, slider on 20. Fruehauf 40 aluminum pot belly livestock, Great Dane 40x13 insulated van, slider on 22. Fruehauf 22' steel 2 axle dump, Fruehauf 35' flat, 20" tires. Dorsey 35' flat, spread on 20, Trailmobile 45' flat slider on 22, Trailmobile 42' flat, equipped to haul chicken coops. All kinds of storage trailers for sale or rent, some have shelves and office space. 717-626-5420

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

For Sale - 10' wood livestock body; 12' wood livestock body; 20' wood livestock body; 26' alum. livestock body; 12' wood livestock body. M. H. Eby, Blue Ball 717-354-4971.

1975 F600 Ford Truck. 26,000 GVW, 5 speed-2 speed, 16' dump stake body, excell. cond Lacka. Co 717-587-1271

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires, $2500 negotiable. (717) 397-2093, 285-3051 or 301-666-8477

Army truck, GMC, all wheel drive, auto. transmission, 9 00, 20 tires, tandem axle, $2800 609-769-3183

1950 Ford truck, 14' bed upright hoist motor needs work on $500 717-642-8722 Adams County

1974 Ford 1, NT 9000 tandem 16 ft aluminum dump bed 600 bu. cap, 56,000 GVW 318 Detroit 13 sp P.S excellent Somerset Co. 814-445-7769

1981 MGS snowmobile, utility trailer, 7'x12', tandem axle, plank floor, sides and ramps Excellent condition! 215-398-0830

1976 9500 GMC tr-axle, 318 Detroit, 16,000 front, 38,000 rear, triple frame, 11 30 rubber, good condition 717-224-4244

TRUCKS & TRAILERS

1974 GMC bulk/bag feed truck.
33,000 lb. GVW, 16' van body, hoist & blower. 432V-6 engine, P.S., air brakes, 2 speed axle. New brakes & king pin. Fair shape. $8,500 or best reasonable offer.
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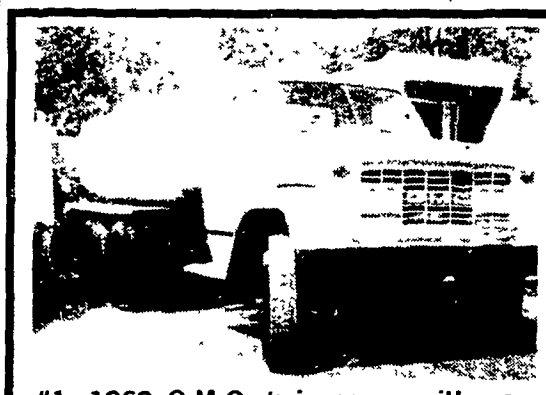
1972 GMC, 14' Aluminum Dump w/Blower & Divider, 11-20 tires, new clutch, excellent condition
Call Rosedale Mills
609-924-0134
Princeton, N.J.



#1. 1969 G.M.C. twin screw with new motor, 10 speed Road ranger, A/B - P/S - with 2500 gal. tank and power take off for pump.

#2. 18 ft. Grain Bodies Trucks - 33,000 GVW, new bodies, gas or Diesel - large and small.

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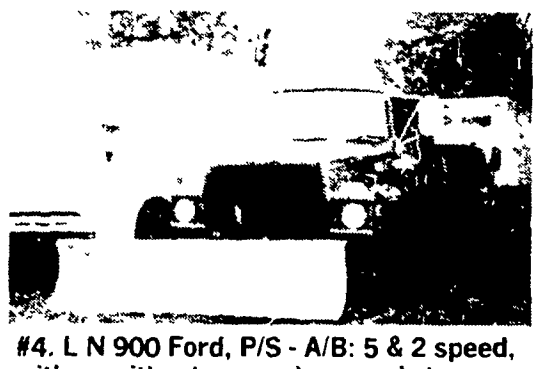

#4. L N 900 Ford, P/S - A/B: 5 & 2 speed, with or without snow plow, ready to use - six to choose from.

Martins Trucks-ville
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Lancaster, Pa. 17602
717-392-6266

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IH 1700 Loadstar V8 4 speed - 2 speed rear, 12' dump stake $2800. 215-723-7249

Wanted - 1937 IH pick-up truck or parts, call collect 609-423-0636, ask for Ed Sr. or Jr.

1971 IH grain truck, tandem axle; 1965 IH 2000 tandem truck tractor. 201-439-2430.

TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED
CONTACT WITTES TRUCK AND TRACTOR
301-829-0271

TRUCKS & TRAILERS

65 International truck R-190 18' steel flatbed, air brakes, 10x20 tires, GVW 25,000, AM/FM, heat, tire chains, Berks Co. Walter 1-215-562-4007

TRUCKS & TRAILERS

1974 Stidham horse trailer, full mats and doors $1,000.00 1-301-658-3029

TRUCKS & TRAILERS

For Sale - 1970 F600 Ford dump truck, 41,000 original miles, good condition, asking $4,195. 717-784-6116

Hostetler Truck Bodies & Trailers
Rt. 322, Milroy, Pa. 17063 717-667-3921

Livestock Trailers
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Grain & Livestock Bodies
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4 WHEEL DRIVES

1982 Ford F150 XL, 302 V8, 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Dk. Brown Metallic & Buckskin, only 10,000 Miles, Still Under Factory Warranty .. $11,500
1980 Chevy Blazer Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel, Lockout Hubs, 25,000 Miles $9895
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1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM ... $6995
1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint $8495
1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White ... $8695
1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean $6995
1979 Chevy Short Bed Fleetside, 350 V8, 4 Speed, PS, PB, Lockout Hubs, AM Radio, 42,000 Miles $6995
1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels $5995
1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles $6995
1978 AMC Jeep Wagoneer, 6 Cyl., Auto., PS, PB $4995
1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio $4995
1977 Ford Bronco, 302 V8, 3 Speed, AM-FM, Lockout Hubs, 31,000 Miles $4995

VANS

1982 Chevy Conversion Van, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & Tape, CB, only 7000 Miles - Like New. $15,900
1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895
1979 Ford E250 12 Pass., 351 V8, Auto., PS, PB, AM Radio, 37,000 Miles $7495
1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio $5495
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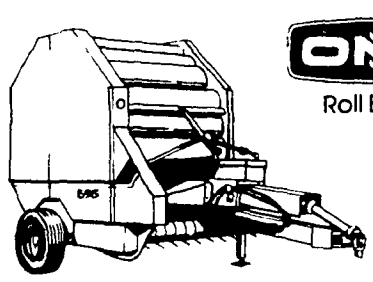

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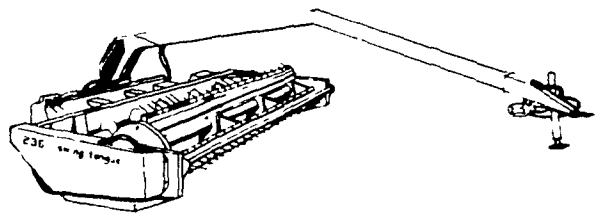

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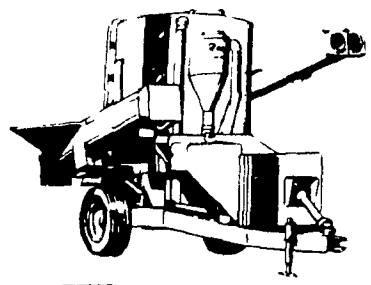

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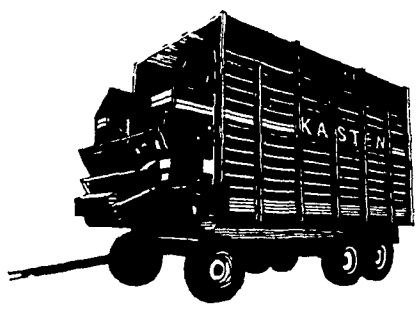

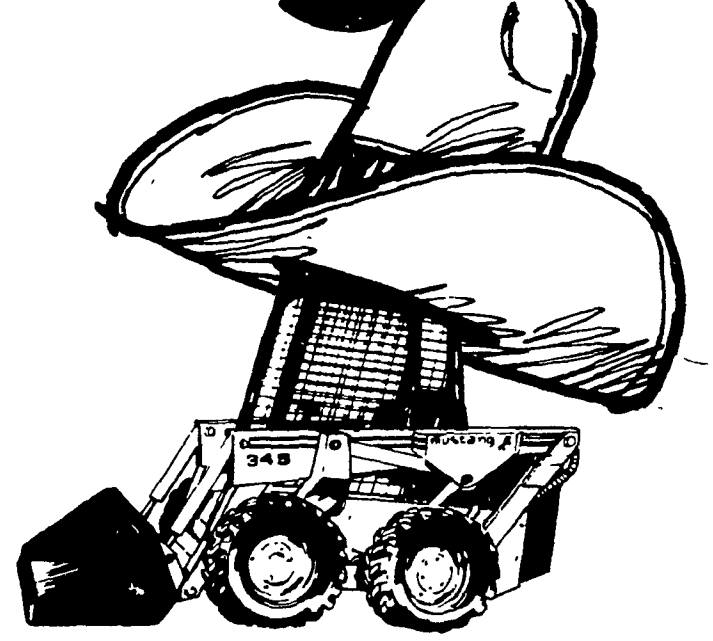

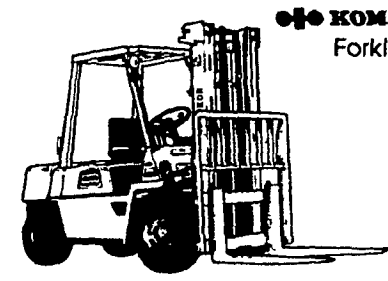

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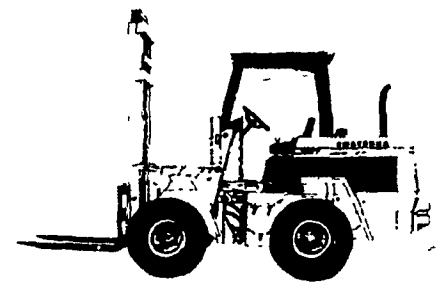

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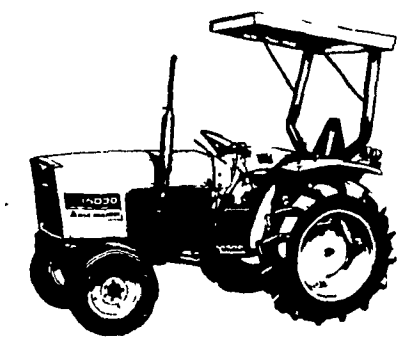

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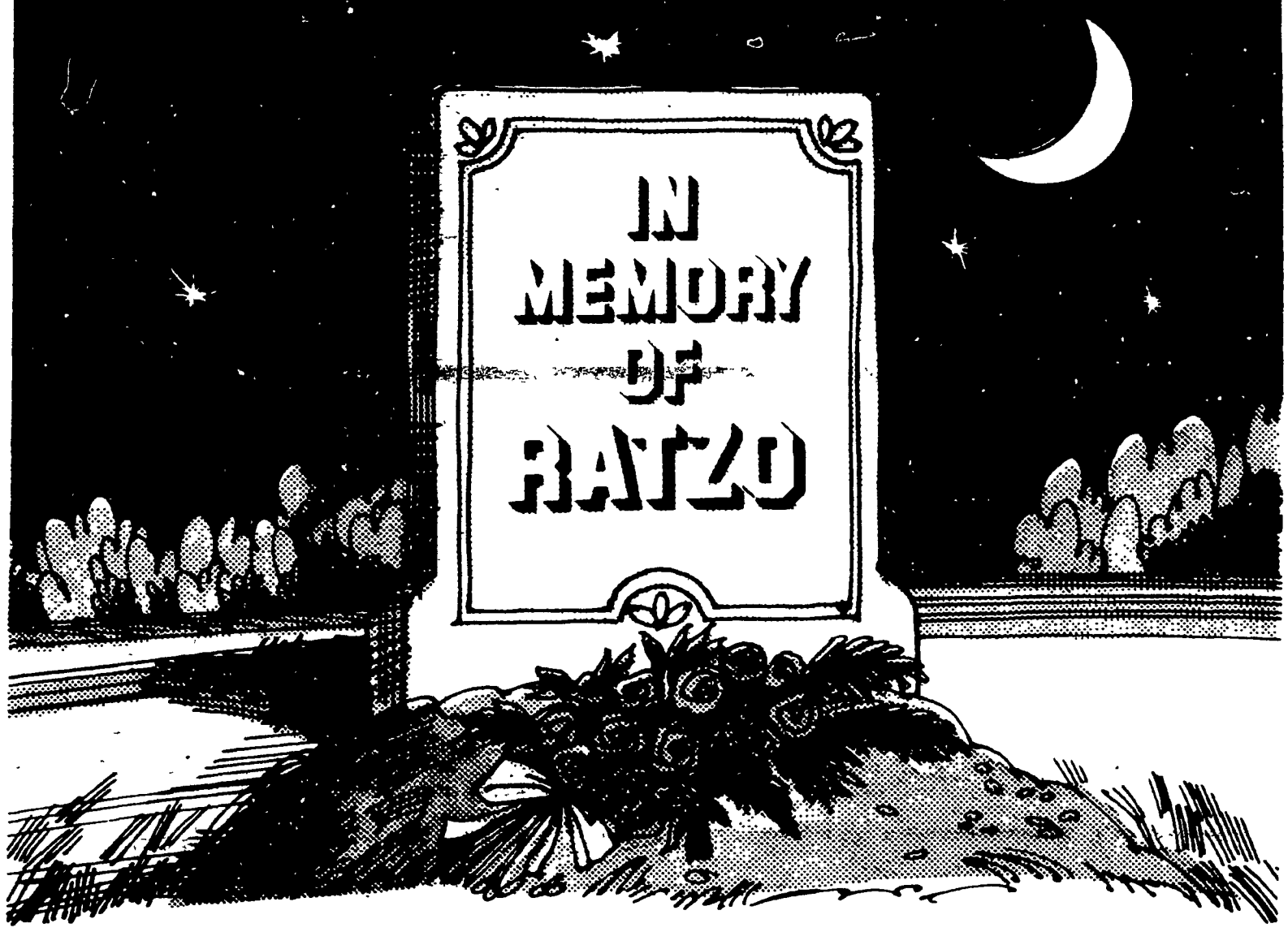

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Edlyn Farm boasts Angus genetics, durability

BY JOYCE BUPP
Staff Correspondent

GLEN ROCK — P.S. Power Play, Ankonian Dynamo and Northern Prospector 14 are all household names around the Ed and Dorothy Rishel farm home.

"Always use a bull that's better than your best cow," philosophizes purebred Angus breeder Ed Rishel, who's built a top herd of the black beef beauties, partly based on breeding using that trio of top sires at his Edlyn's Glen Rock farm, York County.

Two of those genetic-punch Angus bloodlines meshed with thirty years of Rishel breeding to earn Edlyn Farm the champion heifer honors at Timonium's Eastern National Livestock show earlier this fall, and more recently a first-place spot at the top of her junior yearling class at Louisville, Kentucky.

Edlyn's Lady Evelyn 101, sired by Penn State's famed Power Play bull, is from a Northern Prospector 14 dam, one of the Rishel herd favorites.

The winning junior yearling is owned jointly with Greg Kreuger of Genetics Unlimited. She's the second of three full sisters of the Northern Prospector and Power Play cross, comprising a favored pedigreed family in Rishel's 50-cow herd.

In 1979, the dam was reserve junior yearling at the national junior heifer show is Indianapolis. Her youngest daughter is still by her side, but being readied for the January National Western Livestock Exhibition in Denver.

Thirty years ago, with a decade of experience in the feeder cattle business, Rishel had no plans to turn purebred breeder. His acquisition in 1952 of 17 commercial cows and their calves came about when the price of feeder steers zoomed upward. The cows had been rebred, and when market price became depressed, Rishel opted to keep the whole herd.

He also acquired four purebreds during the year, buying them from Gilbert Watts of Logan Spring Farm, Tyrone, where the commercial cow-calf group had been purchased.

Careful culling and selective mating, using popular AI sires as heavily as possible, has resulted in Edlyn's highly respected position as an Angus breeding establishment.

Up to half a dozen young bulls are marketed for breeding purposes each year, chosen from only the best dams. Occasional additions of select outbred lines infuse fresh blood and continued marketability to the Rishel herd's pedigrees.

Northern Prospector 14 was purchased by Rishel in a partnership from a 1974 sale in South Dakota. The first Angus sire ever syndicated, he's on lease to American Breeders Service in Wisconsin.

"He's an easy-calving bull, and heavily used in commercial ranching operations," says Rishel.

Another typey bull formerly owned by Rishel, Hedgerose New Criterion, sold a few years ago in the Denver Exposition sale to Angus breeders in South America. His dam remains as an Edlyn brood cow, and the farm has retained a supply of the sire's semen.

Rosebank Connection 69, nicknamed "Ten" after the popular movie, won that label due to his genetic potential perfection. "Ten" is another Rishel sire favorite, and a national show winner twice during 1981.

Cows and heifers not settled through AI are caught by Rishel's current herd sire, Edlyns Dynamo 4 EL, a son of Dynamo.

Replacements come from within the herd, with 55 live calves delivered from 54 calvings this year, approximately 60 percent heifers calves.

"Select hard for easy calving," insists Rishel. "Steer clear of large shoulders and big-headed bulls."

Well-known on the show and sale circuits of the Angus industry, the Edlyn Angus breeding herd has offspring in a broad scattering of states and South America.

For Ed and Dorothy Rishel, life revolves around the satisfying daily chores of raising a top-quality purebred Angus herd. Merchandising of purebred offspring is done through consignment sales, and many junior breeders' project animals have originated from the Edlyn stock.

Already weighing in at 780 pounds under nine months, a Dynamo son hovers in close to the security of his dam, Power Play No. 1.

After 30 years of breeding Angus, Ed Rishel plans to cut his herd size to about 40 of the best cows. To concentrate on a higher genetic yield from the best families, Rishel recently ventured into his first try at embryo transplanting.

Maternity assistance is rarely needed in this herd, although calves are born good-sized. At birth, the Northern Prospector's three heifers by Power Play weighed 84, 87 and 94 pounds, and not one of the trio was touched during delivery.

One generation of breeding will not drastically alter genetic make-up, believes Rishel. Instead, consistency of pedigree is necessary.

"I've seen tremendous changes since the time I started breeding purebreds," he adds. "They've gone from short-coupled, small-statured, slow-growing animals to a fast-growing, more efficient breed. Economics dictated that, since no one can afford to wait for an animal to grow."

To meet Rishel's selective requirements, cows must show femininity, with good mothering ability and milkiness. Length of body and good frame are additional considerations, along with overall skeletal correctness and properly set legs and feet.

To boost the potential harvest of the herd, Rishel recently began embryo transplanting. Four calves are checked safe in Holstein grade heifers, two from the Favorite Northern Prospector dam and two from her daughter.

A slogan adopted several years ago by Rishel advertises that Edlyn is "where quality takes preference over numbers." In keeping with that slogan philosophy, plans are to cut back the cow herd numbers to the 35-40 head mark, keeping brood animals from those best-bred families while merchandising offspring.

A frequent consignor to top area sales, Rishel regulary markets his breeding stock through both Maryland and Pennsylvania state sales.

Numerous junior Angus breeders and 4-H club members select project animals from Rishel's herd, carrying on a 4-H winning tradition that reaches back to Rishel's three sons.

Oldest son, Ed, Jr., chose his first project steer from one of the calves born to those first cows acquired back in the '50s. It topped a 13-county district Roundup over 327 other entries.

Years of other top 4-H honors followed, including a Farm Show grand champion for each of the Rishel sons. Other Farm Show honors include two reserve champ female spots over the past eight years, and the Dynamo son, current herd sire, is a former reserve bull winner.

Although the winning Power Play heifer was the first of Rishel's females ever to be exhibited at the Eastern National open show, son Dick took a junior championship several years ago. And, a herd

(Turn to Page D4)

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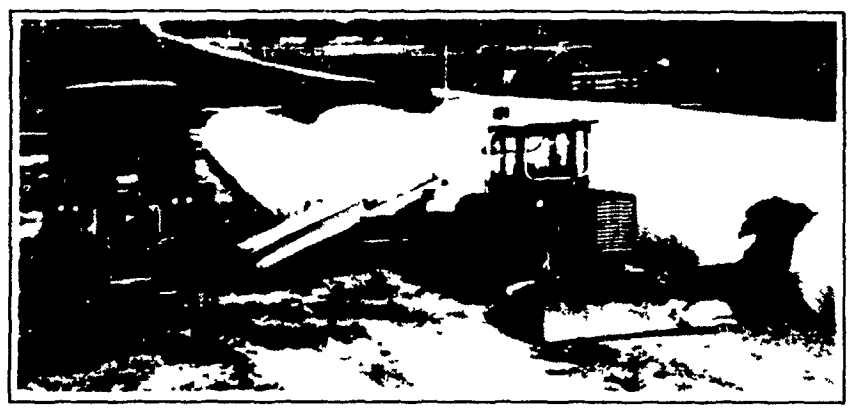

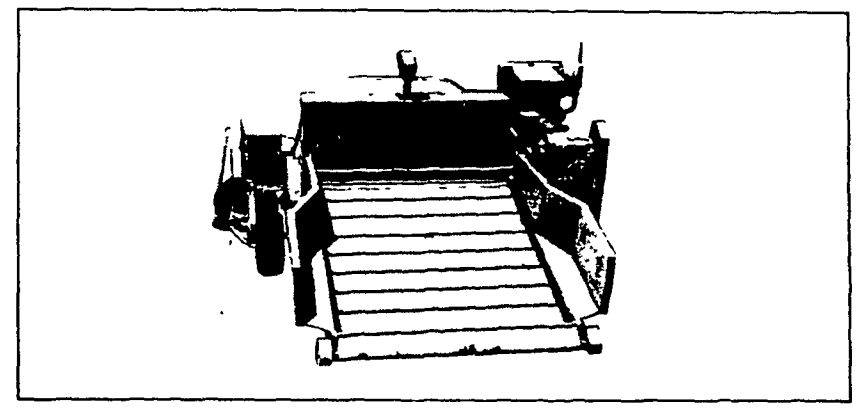

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10. THE Forage System for the 80's

JUST LISTEN TO WHAT THESE AG-BAG BELIEVERS HAVE TO SAY:

Kenneth Popham of Floresville, Texas

Kenneth runs a 465 cow Dairy and said this about AG-BAG: "At today's interest rates you can't afford any other type of storage ... Even with the yearly cost of bags it's still inexpensive storage ... a whole lot cheaper than building barns and hiring help. I put up 13 bags last year and after seeing the results, I'll put up 25 bags this year. The bags are a good thing."

Don Carter of Parkdale, Oregon

"The best move I ever made" ... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool" .. says rancher, Roland Rasmussen of Blair, Nebraska

Roland farms 350 acres west of Blair, Nebraska, and fattens about 650 cattle from 600 lbs. to finish.

"By labeling every bag as to date and kind of feed, I can mix my feeds and eliminate the guess work in making a ration. I feed alfalfa silage, corn silage and ground ear corn stored exclusively in the bags, purchasing only my minerals and vitamin supplements"

"The AG-BAG system has enabled me to increase carrying capacity per acre at a reduced cost of gain."

Bert Anderson of Sceptre, Saskatchewan

"At least 30% more feed ... I can guarantee at least that" ... says rancher, Bert Anderson, of Sceptre, Saskatchewan.

"I've been able to cut my grain feeding costs in half since converting to the bagging. It's just like feeding grass. I've also eliminated the need for a liquid supplement that we always fed before going to the AG-BAG System ..."

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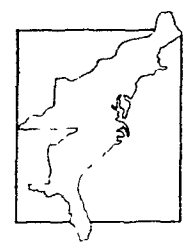

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Edlyn Farm

(Continued from Page D2)

offspring sold to a Maryland breeder earned that state show's reserve junior yearling honors earlier this year.

Managing the herd breeding program to spread calving, Rishel sees March and April deliveries as ideal, with some late calves still arriving in May. Calf mortality at Edlyn is practically non-existent, which Rishel credits to the genetics and durability of the Angus breed.

A simple feed program of hay and grass keeps pregnant cows in good flesh, but not overfed. Weanlings get grain and hay to 12 to 18 months, and young bulls are kept on only small quantities of grain, since Rishel feeds for what he terms "a natural kind of growth, without getting them fat." Other grain feedings only go to show cattle, to keep them in bloom for exhibition.

The trio of Rishel sons all retain their ties to the beef business. Ed, Jr., lives in the area of Indianapolis, Indiana, and raises some cattle. William, the second son, and his family live in Nebraska where he manages beef sales in the Midwest. During one of his recent sales, an Angus bull calf sold for $100,000. Richard, the youngest, lives not far from the Glen Rock Edlyn farm, working with the home herd and his family's 4-H beef animals.

ABS bulls to get Christmas barn

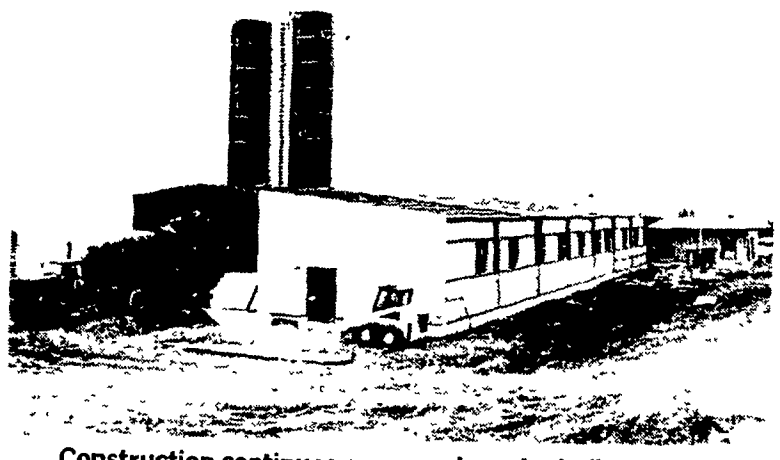
DeFOREST, WI. — A new barn, big enough to house 104 bulls, is proceeding on schedule at American Breeders Service, DeForest, Wisc., according to Gene Bass, Manager of Farms, Livestock, and Maintenance. The barn, measuring 300 feet by 80 feet and of pre-engineered metal construction, will replace the one destroyed by fire last December, when 29 bulls were lost.

The barn is to be equipped with 48 box stalls and 56 tie stalls designed to provide added room and comfort for the animals. An extensive ventilation system with wall and ceiling fans will insure proper air circulation.

Convenience and safety in handling the bulls has also received major emphasis in the design.

Feed for the 104 occupants will be stored in two Harvestore silos, each 20 feet in diameter and 87 feet high. Wood shavings, used in bedding, will be held in a bottom unloading silo constructed of poured concrete measuring 24 feet in diameter and 84 feet in height.

Mid States Building Systems, Columbus, Wisconsin, began construction of the barn in July and plans to have it completed before Christmas. Projected costs will be $1.1 million.



Construction continues on a new barn for bulls of American Breeders Service.

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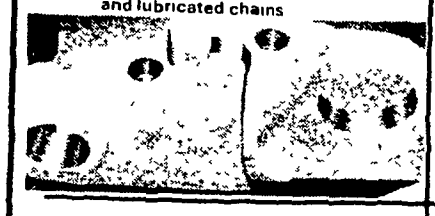

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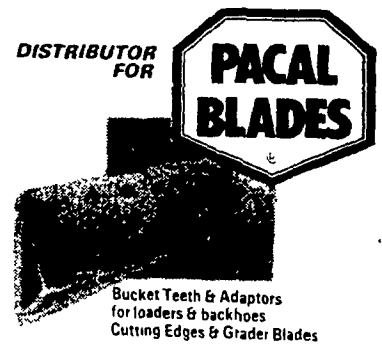

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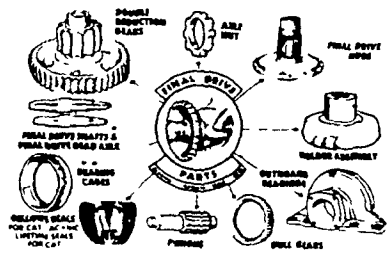

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TANKS TANKS TANKS

Crop insurance to be extended at USDA

WASHINGTON, D.C. — Crop insurance offered farmers by the U.S. Department of Agriculture's Federal Crop Insurance Corporation will be extended to more crops in more counties for the 1983 crop year.

Merritt W. Sprague, manager of the USDA crop insurance agency, reports the corporation board of directors has approved 823 additional county programs for 1983 crops. A county program is the authority to sell crop insurance for one crop in one county.

"Our agency currently insures 28 crops in 14,496 county programs across the nation," Sprague says. "The additional county programs announced are part of our continuing expansion program."

Crops included in the additional county programs for 1983 are soybeans in 285 counties, oats in 384, potatoes in 44, peanuts in 33, tobacco in 70, peaches in 4 and grapes in 3.

Sprague also announced that the USDA agency will prepare regulations for covering hybrid seen crops in the 1983 crop year. He said the plan will insure seed for producers who are under contract to processors. The new rules will be published in the Federal Register for public comment and review before going into effect.

"These needed programs will allow producers to obtain the risk management protection necessary in today's economic situation. Ultimately, insurance protection against unavoidable loss will be available to nearly every crop producer in the nation," says Sprague.

Winter crops set for Del. farmers

NEWARK, Del. — A series of crops meetings has been scheduled for Delaware farmers in December. Extension specialists and agricultural agents will conduct programs on the following dates: Dec. 10 at the University of Delaware Georgetown substation; Dec. 13 at the Felton Fire Hall; and Dec. 17 at the Clayton Fire Hall. Each meeting will start at 9 a.m. and last until 3 p.m.

"We feel we will have a strong program for farmers," says Kent County agent Dave Woodward. "It will emphasize cost-cutting and stretching your production dollar."

Each meeting will have presentations on nutrient management, economical weed control, disease control in small grains, market outlook, farm computers, a pest management update, economical post-weed control, and equipment modification. there will also be a question and answer period.

A Dutch-treat lunch will be available.

Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Tax Planning

One of a farm managers less interesting tasks is tax management. Everyone dislikes paying taxes but wants the services they provide so I guess we'll continue trying to minimize the pain.

Due to 1981 tax law changes most of this year's management must be done before the end of the tax year. There were a few changes made in 1982 that will have some bearing on your plans.

1982 changes

- You can now legally "expense" up to $5,000 of depreciable assets. Example: purchase a farm truck for $7,500. You can deduct $5,000 as an expense (no investment credit though) then depreciate the rest.
- Two-earner families get a 5 percent deduction from the lowest earned income. Example: Farmer A has a $12,000 farm profit and his wife earns $14,000 as a school teacher. They can deduct $600 (5 percent of $12,000) from their taxable income.
- Starting in 1983, half of the investment credit you take must be deducted from the items cost basis. You have the option of doing this or of keeping the cost basis and reducing investment credit by 2 points.

Tax estimate

Do a tax estimate. This will let you know where you stand before the end of the year. You can then shift some income or expenses from 1982 to 1983 or vice versa. The shift should be used to: minimize tax impact; use all available tax free income; use the earned income credit if you are close; and even-off your annual tax burden.

The estimate

Add up all farm cash income then deduct all farm cash expenses for the balance of the year. Then add to that your off-farm income and deduct $3,400 (if married filling jointly) plus $1,000 per dependent. The final figure will be your taxable income. How does this compare with 1981? That will give you an idea of your tax burden. Or use the 1981 tax table.

What to do

Once, you have your tax estimate, you can do one of several things.

1. Decide it is acceptable so do nothing.
2. Decide it is acceptable and begin to save money so you can pay it by March 1. (Don't forget the social security tax.)
3. Realize that it is a minus and do nothing.
4. Realize that is is a minus and decide to not waste all that tax free income; so shift 1982 expenses into 1983.
5. Decide it is too high so you need to make some adjustments.

The question

Once you find that you do have a high taxable income for 1982, your question will be "What shall I do?"

1. Panic and go out and buy a $25,000 tractor to give you $2500 of investment credit plus an income reduction of $3,750.
2. Purchase $25,000 worth of fertilizer, feed and supplies for 1983 which will give you an income reduction of $25,000.
3. Borrow money to pay off all 1982 bills in 1982. Each dollar used this way will reduce taxable income by a dollar.
4. Give hired help a year end bonus which will not only reduce taxable income but also please the help.
5. Pay your children.
6. Pay all 1982 FICA taxes before Dec. 31.
7. Hold off sales of animals or grain.
8. Decide to open up an IRA. You have until tax filling to do this, so don't be in a hurry.

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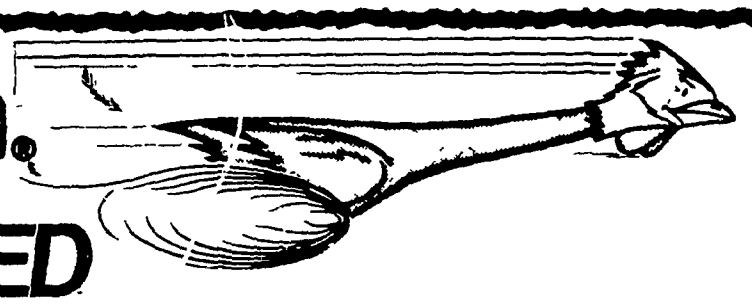

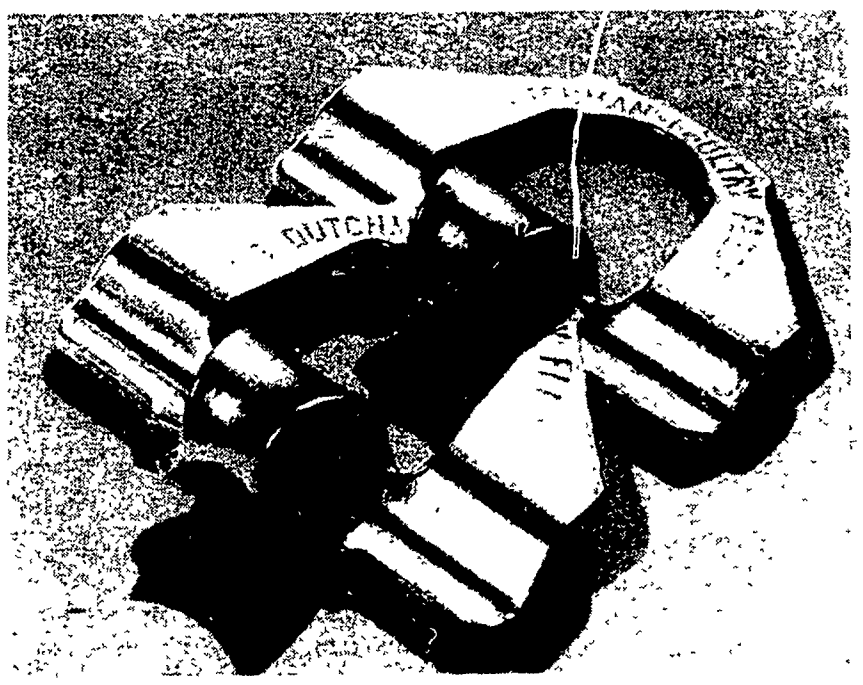

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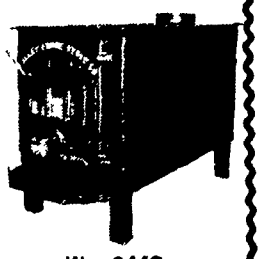

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Pennfield honors 76 employees for service

20 to 35-year employees: front row, Cleve Hastings, left, and John Snyder; back row from left, Floyd Schell, Al Wiest and Dick Rudisill.

LANCASTER — Pennfield Corporation, 711 Rohrerstown Road, honored 76 employees for a total of 765 years of service. Those honored received their awards from company President, Ernest O. Horn, Jr., at a luncheon last week at the Host Town.

John Snyder, Mountville; and Richard Rudisill, 2017 Columbia Ave., were honored for 35 years of service.

Receiving 30-year awards were Cleveland Hastings, 35 N. Plum St.; and Alvin Wiest, Mechanicsburg.

Honored for 25-years of service was Floyd Schell, Dallastown.

Cited for 20-year awards were Amos Eberly, Lititz; and Robert Woodward, 1676 New Holland Pike.

5-year employees: front row from left, Rick Shenk, Mary Anne Wassell, Don Horn Jr. and Glen Huber; back row from left, Pete Knutsen, Frank Bentrem, Norris Geib and Reuben Lauer.

15 and 20-year employees: front row from left, Curvin Fetrow, Harry Thompson, Vince Kuhns and Dick Hobday; back row from left, Reuben Ruppert, Bob Woodward, Joanne Meckley, Harold Forry and Amos Eberly.

Those receiving 15-year awards were Vincent Kuhns, 829 E. Orange St.; Richard Hobday, 2629 Marietta Ave.; Edna Martin, Denver; Reuben Ruppert, Red Lion; Harry Thompson, Mount Joy; Curin Fetron, Dover; Harold Forry, R1 Mounty Joy; Joanne Meckley, Denver; and James Sickles, R1 Ephrata.

Those employees receiving ten-year awards were Laretta Stutzman, 35 Savo Ave.; Craig Weirich, Mountville; Russell Deibler, Halifax; Paul Casner, Lewisberry; Fred Raffensperger, Lititz; Howard Merritt, Stevens; Dale Putt, Akron; and Eugene Scholsnagle, Carlisle.

Additional 5-year employees: front row from left, To Pham Nguyen, Gary Gladys, Jake Schell and Tom Arnold; back row from left, Frank Mears, Darryl Grube, Barry Long, Rita Ruof, Mark Jaikes, Jeff Witmer and Dennis Myers.

10-year employees: from the left, Howard Merritt, Russ Deibler, Laretta Stutzman, Paul Casner and Craig Weirich.

Recipients of five-year awards were Rita Ruof, 602 W. Chestnut St.; Donald Horn, Jr., Mountville; Richard Shenk, 901 Silver Springs Rd.; Jacob Schell, R1 Dallastown; Mary Anne Wassell, 130 Prentis Pl.; Frank Mears, Millersville; Thomas Arnold, Wrightsville, Norris Geib, Washington Boro Ro; Rick Judd, Washington Boro R1; Jeffrey Witmer, New Providence R1; Glenn Huber, R2 Conestoga; Peter Knutsen, Strasburg; Dennis Myers, Ronks; Frank Bentrem, R5 Elizabethtown; Mark Jaikes, 18 Petersburg Rd.; Reuben Lauer, Manchester; Gary Gladys, Lebanon, Darryl Grube, Lititz; Dennis Houtz, Ephrata, Barry Long, Ephrata; and To Pham Nguyen, Ephrata.

Also honored were six employees with combined service of 152 years, who retired from Pennfield Corporation during the past year. They were Kenneth Beachley, Wormleysburg; and John McCormick, Harrisburg, both of Beachley-Hardy Seed Co., a division of Pennfield; John Renshaw, 321-G Eden Road; and Edgar Snavely, R3 Elizabethtown; Paul Snyder, Lititz; and George Stabley, Red Lion, of D.E. Horn & Co. of Red Lion, also a division of Pennfield Corporation.

Recent retirees of Pennfield honored at awards banquet include, from the left, front row, John McCormick, Beachley-Hardy-Seed Co.; Edgar Snavely and John Renshaw, but Feed Marketing; back row from left, Paul Snyder, Pennfield Farms Eggs; Kenneth Beachley, of Beachley-Hardy, with Don Horn, Executive Vice President of Pennfield; and George Stabley, D.E. Horn & Co., of Red Lion.

York Agway Holds meeting

YORK — Members of the Yorkway Agway held their local annual meeting recently at the 4-H center at bar, and elected six to the store's member committee.

Elected to three-year terms were Steve Gross, Roger Perry, Eddie Rohrbaugh and Richard Smyser. Elected to the petroleum committee were Earl Brown and Albert Dehoff.

Member committees were responsible for guiding local management, evaluating the store's service to members and other customers, and nominating candidates to the 18-member Agway board of directors.

A report covering the York store's operations for the past fiscal year was given by Bob Clark. He told the 300 members present that sales volume for 1981-82 amounted to $6½ million. He noted improvements to facilities and new services added during the year, including some equipment and the specialization of a feed and crops center. This concept of direct sales is managed by M. Miller.

The Agway petroleum operation for the year was reviewed by Plant Manager Tom McGlynn. He emphasized the many uncertainties of the petroleum industry.

Committee chairperson Eddie Rohrbaugh, who presided at the meeting, reported on the Agway annual meeting held in Syracuse and a recent Agway Council meeting. The Agway Council serves as an advisory group to the Agway Inc. board of directors and is made up of chairpersons of Agway store and representative committees.

Farm Business News

A report on developments within the entire Agway system was given by Southern Division Director, John Wylie of Harrisburg.

Agway Inc., a farm supply and food marketing cooperative owned by 110,000 member-stockholders, serves agriculture in 12 northeastern states. Its headquarters are in Syracuse, N.Y.

Turkey outlook good

WASHINGTON, D.C. — USDA reports turkey production in the fourth quarter is expected to be larger than in the third — a shift from last year. Turkey meat output in the third quarter dropped about 3 percent from last year. Fourth-quarter output may about equal last year's level, because additional poults were hatched late in the season.

If producers have a profitable second half, as now appears likely, turkey meat output in 1983 may increase 3 percent from this year.

Cold storage stocks of frozen turkey on October 1 were 17 percent below last year's 532 million pounds. Since stocks are not excessive and production is down, turkey prices are expected to strengthen during the remainder of the year.

Wholesale prices for 8- to 16-pound hen turkeys in New York averaged 65 cents a pound in the third quarter, up from 63 cents last year. Prices should strengthen seasonally in the fourth quarter and may average 66 to 70 cents, sharply above last year's 55 cents.

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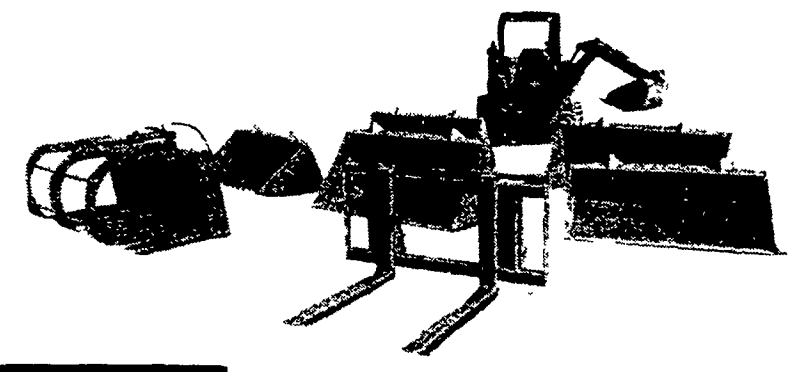

Model 1835 Uni-Loader (shown above) — Offers choice of reliable Case water-cooled engines: 32 hp (23.9 kW) gasoline or 34 hp (25.4 kW) diesel. Low profile — fits through 7' (2 134 mm) doorway. Overall width just 54" (1 372mm). Lifts 1200 lbs. (544 kg) to 9'2" (2 794 mm) for easy truck or bin loading. Separate oil reservoirs and dual filtration protect hydraulic system from final drive contaminants. Variable speed, forward and reverse, to 6.1 mph (9.8 km/h).

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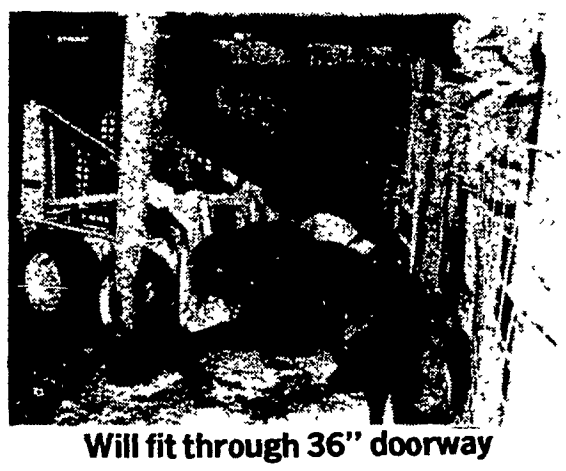

Will fit through 36" doorway

1845 Uni-Loader (right) — Hefty 1700 lb. (771 kg) load capacity. Big 45 hp (36.5 kW) Case water-cooled diesel or gasoline engine. Self-leveling loader, 9'9" (2 972 mm) lift height. 3 separate oil reservoirs plus dual 10-micron filters protect against contaminants. Variable speed, forward and reverse, to 6.2 mph (10.0 km/h).

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case. uses the 188 cu. in. diesel engine which held the fuel economy record for all diesel tractors (under 40 HP) ever tested at Nebraska.

case. gas engines are 159 cu. in., the same as used in the 530-580 model Loader Backhoe Industrial Tractors.

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International introduces 3 new tractors to line

CHICAGO — International Harvester has announced the availability of three new farm tractors — a 170 PTO hp model in its four-wheel drive line plus an 80 PTO hp gear-drive unit and 112 PTO hp hydrostatic drive model added to its 30 Series line.

With these additions, IH has now introduced new or improved versions of 19 of its 22 farm tractors since the fall of 1981.

The Model 6788 at 170 PTO hp gives IH three units in its 2 + 2 line of four-wheel tractors. Like the 130 and 150 hp models, the 6788 combines the traction and flotation of four-wheel drive design with the versatility and row-crop capabilities of two-wheel drive units.

Unlike conventional row-crop tractors, the 2 + 2 design provides power to all four wheels plus articulated steering and an oscillating front axle to assure full ground contact over rough fields. With the engine mounted forward of its front axle, the tractor's weight distribution is 54/46 front and rear. This together with four-wheel drive makes front end weights unnecessary and virtually eliminates the need for wheel weights or duals. In addition, the farmer can use the same implements he already owns for use with similar size two-wheel drive row-crop tractors.

The 6788 is powered by a field proven 466 cu. in. turbocharged IH diesel. It has a 12F/6R speed transmission with six speeds in high, low, and reverse ranges. The operator can shift on the go and can power shift up or down without declutching between 1 and 2, 3 and 4, and 5 and 6. Shifts between ranges are made easier by an electro-hydraulic transmission brake that stops transmission parts from rotating when the range lever is in neutral and the clutch depressed. The brake releases automatically when the range lever moves out of neutral.

The 6788's cab has all operating controls in a right-hand console. The two-door cab also incorporates space-age electronic monitoring systems. For example, an IH data center provides digital readout of four functons - engine RPM, ground speed, exhaust gas temperature, and PTO speed – plus an engine hour meter.

The new model also has IH's Power Priority hydraulic system utilizing a variable displacement pump that senses load demand and delivers just enough flow and pressure to meet the specific need. This conserves fuel since the pump works only on demand. An exclusive feature of this system is a motor priority valve that always directs flow to the first auxiliary valve. This is especially important when using equipment such as planters and sprayers that must maintain a constant speed. The 6788 also has a draft control three-point Category III hitch, convertible to Category II.

Flow-controlled power steering is supplied by a piston pump that compensates for varying engine speeds by delivering a constant flow. The combination of power steering, articulation, and oscillating front axle provides easier steering and a short turning radius of only 15.9 ft. Also, since the rear wheels on 2 + 2 models track in virtually the same footprints as the front, headland requirements are minimized and there is less crop damage when turning across rows.

The 6788 is equipped with standard 18.4 - 38 radial tires for even more tractive efficiency and more tire-to-ground contact area.

The two new models in the 30 Series line are the 3088 at 80 PTO hp and the 112 PTO hp 3488 Hydro.

Powdered by a 358 cu. in. diesel, the 3088 has a 16F/8R speed transmission with easier shifting provided by an electro-hydraulic transmission brake. The transmission also features shift on the go convenience and power shifting up or down without declutching between speeds 1 and 2, 3 and 4, 5 and 6, and 7 and 8.

The new hydrostatic drive model, the 3488 Hydro, is powered by a 466 cu. in. diesel. The operator can match ground speed to job conditions without clutching or shifting simply by moving the speed ratio lever. Its transmission is infinitely variable through a low speed range of 0-7.4 mph and a high speed range of 0-16.6 mph.

Both new 30 Series models feature convenient right-hand controls and IH's exclusive forward air flow cooling system, which blows air away from the front of the tractor for more efficient cooling and improved operator comfort and visibility.

Both models are standard with a 540/1000 RPM PTO, three-point hitch, and an equalizer hitch drawbar. The 3488 also features IH's Power Priority hydraulic system. A deluxe air-conditioned cab is standard on the 3488 Hydro, and a four-post ROPS protective frame is standard on the 3088.

All three of the new models are built at IH's Farmall plant at Rock Island, Ill. and are available now through IH's Agricultural Equipment dealers.

At 170 PTO hp., IH's new 6788 is the most powerful tractor in the 2+2 line.

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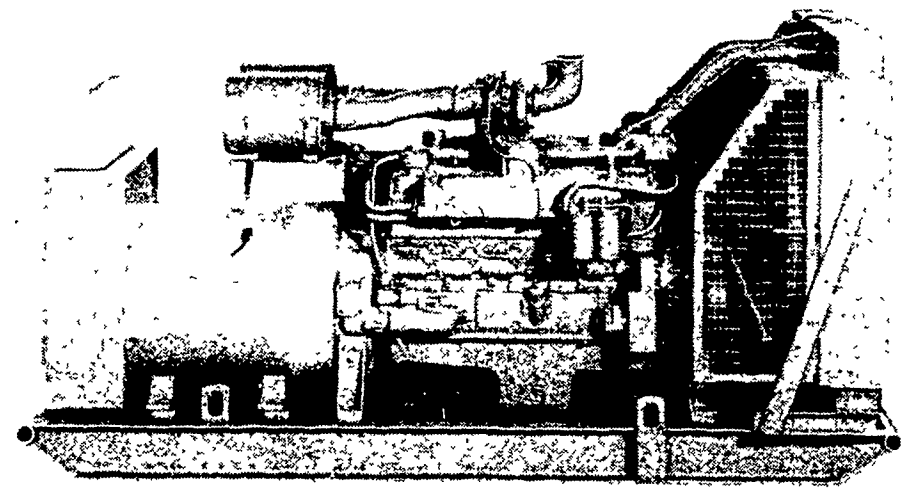

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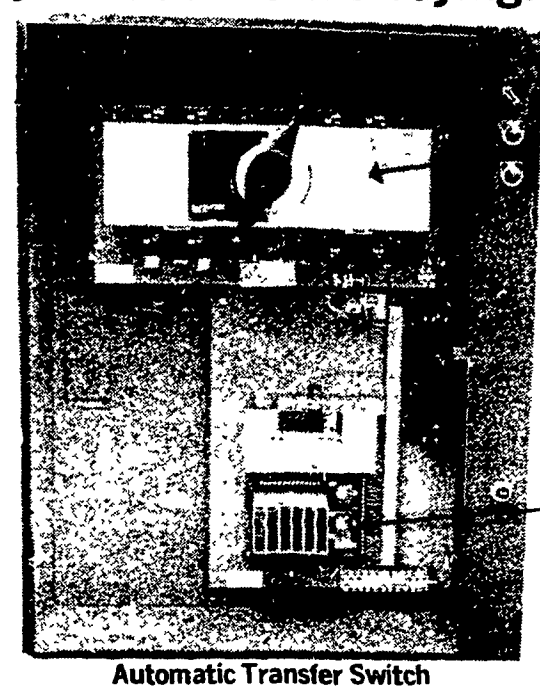

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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

LANCASTER COUNTY DHIA
October 1982

A Registered Holstein cow owned by Allen Lee Stoltzfus, R. #1, Honey Brook, completed the highest 305 day lactation. Fanny produced 29,541 lbs. of milk, 1,120 lbs. of butterfat with a 4.1% test. Second high lactation was completed by a Registered Holstein cow owned by Elam B. Rutt, R. #5, Ephrata. Cindy 2 produced 30,608 lbs. of milk, 1,171 lbs. of butterfat with a 3.8% test in 305 days.

First 305 days of lactation with 800 or more lbs. of butterfat.

OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Allen Lee Stoltzfus						
Fanny	RH	7-3	305	29,541	4.1	1210
Elam B. Rutt						
Cindy 2	RH	4-11	305	20,608	3.8	1171
Kenneth D. Myer						
Reda	RH	6-0	305	25,627	4.6	1167
Benuel S. Stoltzfus						
Nora	GrH	7-2	305	27,539	4.2	1146
Vern-lee Holsteins						
Ella	RH	4-4	305	25,348	4 3	1098
Glory	RH	9-6	305	21,203	4 6	970
Maple	RH	8-2	305	22,577	4 0	898
Jody	RH	10-11	305	22,561	4 0	894
Fran	RH	4-8	305	22,112	3 7	827
Bennie L Fisher						
Debora	GrH	6-11	305	25,227	4 2	1062
Vernon R Umble & Son						
Lindy	RH	7-10	305	29,550	3 5	1034
Maid	RH	4-8	282	21,902	4 2	909
Paula	RH	6-3	291	22,867	3 7	836
Nelson W. Nolt						
105	RH	6-6	305	24,235	4 2	1027
5	RH	7-0	305	24,816	4 0	985
1	RH	8-2	305	21,576	4 4	960
Thomas C. Lapp						
Teresa	RH	9-2	305	21,937	4 6	1016
Tammy	RH	5-9	305	19,797	4 1	813
John K. Peters						
Molly	RH	4-4	305	27,351	3.7	1009
Melinda	RH	6-5	260	20,944	4 0	840
Annie	GrH	6-1	305	21,239	3.8	804
Jacob S. Dienner						
Sherry	RH	3-11	305	27,624	3.6	1003
Jane	RH	4-10	305	26,402	3.7	969
Gwen	RH	3-11	305	20,220	4.7	958
Heida	RH	4-8	305	25,958	3 6	945
Bell 2	RH	4-6	305	24,833	3.6	885
Angella	RH	9-0	305	24,314	3.6	885
Jackie	RH	3-8	305	23,938	3 5	832
Richard B. Hess						
20	GrH	8-7	305	28,913	3.5	1002
Andrew G. Miller						
Willa	RH	3-7	305	25,059	4.0	1000
Faith	RH	5-10	305	27,701	3 3	903
Aurel	RH	4-4	305	24,350	3 7	903
Neffdale Farm						
Whitie	RH	6-11	305	23,413	4 3	1000
Pansy	RH	6-11	305	25,706	3 7	960
Sally	RH	3-2	305	19,188	4.3	827
Galen W Crouse						
Classy	RH	3-9	305	24,996	4 0	999
Beatrice	RH	3-4	305	20,997	4 2	880
Liz	RH	6-8	305	22,707	3 7	845
First	RH	0-0	305	23,223	3 5	821
Jolene	RH	8-7	305	19,834	4 1	804
Shawn	RH	3-5	305	19,257	4 2	800
Paul H Martin						
Eunice	RH	6-5	301	23,809	4 2	999
Robert H Kauffman						
Honey	RH	4-6	305	26,957	3 7	989
Janice	RH	4-1	305	23,313	3 7	852
Nelson R. Habecker						
32	GrH	5-11	305	26,602	3 7	983
26	RH	5-0	305	19,415	4.6	893
40	RH	4-4	305	21,709	3.8	830
Jonas E Zook						
Benny	RH	6-8	305	21,261	4.6	982
Sara	RH	4-10	305	19,738	4 5	883
Benuel Z Lapp						
Laverne	RH	5-2	305	25,426	3.8	973
Paul S Horning						
Bridget	RH	5-3	305	28,022	3 4	966
Christian E. Riehl						
Chico	RH	8-9	305	25,343	3.8	966
Lil	RH	5-3	305	22,212	3 9	858
Curtis E Akers						
Laura	RH	8-6	305	23,814	4.0	961
Ja Ja	RH	5-10	305	24,308	3.8	918
Jill	RH	5-1	295	23,437	3.6	853
Benuel F Stoltzfus						
June	GrH	5-7	305	25,521	3 8	958
Bart Dell Farm						
Anna	RH	5-9	305	26,622	3.6	957
Weaver Homestead Farm						
2	GrH	8-9	305	25,349	3 8	956
23	GrH	6-2	305	20,519	4.5	921
46	GrH	5-3	298	22,720	4 0	903

(Turn to Page D10)

DE LAVAL

YEAR-END SPECIALS!

BIG FACTORY DISCOUNTS

Save Important Dollars NOW on Dairy Farm Equipment and Supplies You Need!

- **5% DISCOUNT on BULK COOLERS**
  Also applies to Condensing Units, Pre-Charged Tubing and Della-Therm™ Heat Recovery Units. Offer ends December 31.
- **SAVE $25 FOR EVERY COW**
  Put your herd on a De Laval® Ration Master™ Computerized Feeding System now and save $25 on each cow's neck-worm transponder. Offer ends December 31.
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  Including liquid CIP system cleaners, sanitizers, acid cleaners, udder wash and household cleaners Offer ends December 31.
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  Manure Handling equipment including pump, spreaders, and Cross Channel Conveyors are now discounted up to 30% to save you hundreds of dollars for ordering by December 31.
- **15% OFF FEED BINS and COMPONENTS**
  De Laval/Big Dutchman round and square bins, Feeding System Components (except proportioners) are discounted 15% thru December 31.
- **10% on HIGH PRESSURE CLEANER**
  De laval® DL-2000™ High Pressure Cleaner for cleaning engines, floors, etc is discounted 10% thru December 31.
- **INSECTICIDE BOOKING SPECIALS**
  Save big on insect controls for 1983 by ordering your needs now, in the off-season, at 1982 prices Offer ends December 15.

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One **FREE** AUTOCORD™ UNIT When You Buy 4 De Laval® Autocord Removal Devices

Now you can save while you automate your milking with this proven cord-type take-off system.

Offer Ends December 15 . . . Call Us TODAY.

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ON COMPETITIVE MILKER UNITS

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Move Up to De Laval Super FLo-Vu™ Units Now and Save!

*Includes claw, short and long air tubes, teat cup shells and liners, milk tube and pulsator

Offer ends December 15 . . . Call or stop in today!

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Automate Now and SAVE!

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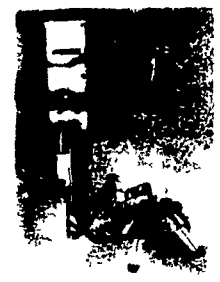

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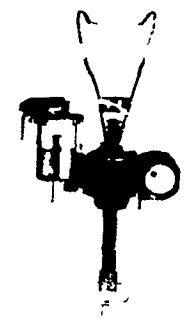

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Lancaster Co. DHIA

(Continued from Page D9)

J S Smucker & Sons						
357	GrH	5-1	305	24,770	3.8	950
359	RH	5-4	305	21,746	3 9	851
John A Brubaker Jr						
Mattie	RH	5-1	305	21,837	4 4	950
Quarryville Presbyterian Home & Melvin Rohrer						
264	GrH	4-6	305	22,547	4 2	945
213	RH	9-2	305	24,917	3 3	831
J Wilmer Conrad						
Martha	RH	5-2	305	22,521	4 2	945
Charm	RH	7-0	305	26,064	3 3	854
Walnut Run Farm						
58	RH	5-8	305	22,768	4 1	942
Cedar Fringed Farm						
Cupie	RG	3-11	305	23,111	4 1	941
Ilena	RG	7-8	305	16,717	4.9	817
Melisan	RG	3-3	288	17,702	4.6	809
Nathan E Stoltzfus						
Sparkle	RH	7-3	305	26,843	3.5	939
Shawn	RH	5-1	305	21,736	3 9	843
Ammon E Reiff						
Pin	RH	8-3	305	24,977	3.7	936
Amos E King Jr.						
Johann	RH	4-4	305	26,346	3.5	934
Ginger	RH	4-10	305	22,356	3 7	816
Britain Acres Farm						
144	RH	7-9	305	21,332	4 4	931
Danda Farms						
Mary	RH	3-11	305	25,258	3 7	927
Syl	GrH	4-2	305	24,424	3 7	892
J Clayton Charles						
Eva	RH	4-10	305	27,966	3 3	926
Ivan H Hursh						
Katrina	GrH	3-10	305	22,927	4 0	926
Marbro Farm						
HiHope	RH	4-2	305	22,578	4.1	925
John H Howard						
Stacy	RH	3-7	305	24,433	3.8	921
Candi	RH	8 1	305	23,733	3.6	862
Reba	RH	4-5	305	22,172	3 7	825
Dale & Steve Hershey						
Bell	RH	3-11	305	24,400	3.8	917
Fobes	RH	4-2	305	25,797	3.3	841
Melissa	RH	3-10	305	27,248	3.0	830
Abraham Shelly Jr						
Silver	RH	4-1	305	25,039	3 7	915
J Harold Musser & Son						
90	RH	4-4	305	24,028	3.8	913
65	RH	4-9	305	24,139	3.4	820
25	RH	10-2	305	19,144	4.2	808
Pequea Heights Farm						
Kitten	RH	6-9	305	21,259	4 3	913
Miz	RH	5-7	305	22,148	3 6	808
John Z Beiler						
Petunia	RH	3-0	305	24,198	3 8	908
Lolly	RH	4-2	305	21,433	4.1	881
Jo	RH	6 9	297	22,051	3 7	808
Paul H Rohrer & Sons						
115	GrH	6-4	305	22,518	4 0	908
24	GrH	3-9	302	22,510	3 9	879
43	GrH	4-7	305	22,742	3 7	834
1	GrH	4-4	305	25,574	3 2	811
51	GrH	7-1	305	22,987	3 5	806
Clarence W Shirk						
Susan	RH	6-4	305	26,044	3 5	905
Moses M Beiler						
Dolly	RH	6-0	305	22,955	3 9	904
Ammon B Lantz						
Ida	RH	6-2	305	23,365	3 9	903
Fred Crider						
Foxy	RG	4-1	305	20,956	4 3	903
John Ivan Stoltzfus						
Threat	RH	6-7	305	25,493	3.5	897
J. Floyd Kreider						
50	RH	8-5	305	26,904	3.3	896
Glenn E Burkholder						
Christine	GrH	4-1	305	26,064	3.4	894
Fannie	RH	7-4	305	22,406	3.9	876
Shellenberger Bros						
Missy	RH	4-1	305	21,287	4.2	894
Nora	RH	9-4	305	22,063	3 8	845
Bev	RH	6-3	305	20,327	4.1	843
King-Ridge Farm						
Tidy	RH	6-0	305	22,317	4 0	892
Noah Kreider & Sons						
598	GrH	8-7	305	22,189	4 0	892
Ben K. Stoltzfus						
Beth	RH	5-11	305	21,087	4 2	892
Model	RH	6-11	305	21,847	4.0	882
Rose	RH	4-2	305	22,841	3.6	816
Lester M Weaver						
32F	RH	5-2	305	26,381	3 4	891
111A	GrH	3-2	305	25,333	3.4	870
Ellis D Kreider						
147	GrH	4-4	305	24,621	3.6	891
104	GrH	8-5	305	20,209	4 2	856
Singing Maple Farms						
52	GrH	6-10	293	21,973	4 0	887
Meadow Vista Farm						
Moo	RH	8-11	305	24,928	3 6	886
Bertie	RH	4-1	305	20,199	4.0	801
Ferncrest Farm						
212	RH	10-9	305	23,421	3.8	884
C Dale Bollinger						
Destry	RH	5-4	305	20,635	4.3	883
Crystal	RH	6-9	269	21,185	4 0	846
Creek Noll Farm #1						
Cocoa	RH	4-2	305	23,734	3 7	882
Duchess	RH	4-8	305	24,689	3 3	809
Cindy	GrH	4-3	305	23,401	3 4	803
James L High						
Lois	RH	4-11	305	21,614	4 1	882
Ben S Stoltzfus						
Rachel	RH	5-11	305	25,032	3 5	881
Sandra	RH	8-2	303	21,566	4 0	854
Beauty	RH	6-9	305	17,445	4.6	810
Christian Zook						
Gail	RH	3-10	305	22,649	3 9	881
Robin	RH	4-3	287	22,685	3.6	812
John P Lapp						
Tiby	RH	5-3	305	23,087	3 8	880
Emanuel S Smucker						
Jewel	RH	4-4	305	26,712	3.3	879
Pauline	RH	5-3	296	21,613	3.8	819
Ephraim D Riehl Jr						
Greta	RH	7-0	305	27,863	3 1	876
Pet	RH	4-1	305	22,708	3 7	847
J Robert Kindig						
Bert	RH	3-1	305	26,198	3.3	876
Maizie	RH	4-4	305	23,376	3.7	863
Kris	RH	3-9	305	22,463	3 6	818
K. D. & Else Linde						
Velia	RG	3-2	305	18,510	4.7	876
Ulrika	RG	8-9	305	18,618	4.4	81[illegible]
Red Knob Farm						
25	GrH	4-3	305	24,051	3.6	875
Glenn R. Binkley						
202	GrH	5-2	305	19,223	4 5	873
Elam Petersheim						
Saucy	RH	6-7	305	23,371	3.7	872
Elmer M. High						
128	RH	5-1	305	22,951	3.8	872
Kreider & Nickle						
169	GrH	6-11	305	26,134	3 0	869
224	RH	6-0	305	23,156	3.3	829
64	RH	4-1	302	21,802	3 0	829
Hickory Grove Farm						
Start	RH	8-5	305	22,199	3.9	868
Paul V Nissley						
Della	RH	7-1	305	27,366	3.2	867
Earl E. Martin						
Pepper	RH	5-0	305	22,926	3.8	867
Loren L. Zimmerman						
Alicia	RH	7-4	305	24,587	3 5	864
Alivia	RH	3-10	305	19,582	4 1	802
Earl S. Walker						
Irma	RH	4-7	305	23,708	3 6	86[illegible]
Eli S King						
19	RH	5-3	294	19,479	4 4	863
Ru Be Mar Farms						
61	RH	5-4	305	24,060	3 6	862
Curvin W Nolt						
46	RH	2-10	305	23,959	3 6	862
26	RH	5-0	305	23,247	3.7	860
G M Weaver						
Fay	GrH	7-1	305	22,799	3 8	862
Superio	RH	7-0	305	21,592	3 7	808
Jonas O Sensenig						
1	GrH	6-4	305	22,280	3.9	861
39	GrH	5-10	305	22,533	3 7	831
49	GrH	3-3	304	18,940	4 2	804
Earl Smoker						
Patsy	RH	7-3	290	20,448	4.2	861
Bingo	RH	5-10	305	20,169	4 1	836
Marvin K Witmer						
Paula	RH	5-5	305	23,928	3 6	860
Alice	RH	4-2	305	22,569	3.8	849
John S. Nolt						
Lorie	GrH	6-0	295	20,545	4 2	860
LeRoy S Musser						
2	GrH	3-6	305	24,768	3.5	859
John S Zimmerman						
26	GrH	5-8	305	20,582	4.2	857
John M Harnish						
Sadie	RH	4-4	305	24,104	3.6	856
Rosanna	RH	10-3	305	24,281	3 5	841
Groffdale-Lot						
Ada	GrH	7-1	305	23,738	3.6	856

(Turn to Page D11)

TRACTOR SAFETY HINT

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Lancaster Co. DHIA

(Continued from Page D10)

John Omar Stoltzfus						
Model	RH	5-2	304	23,387	3 7	854
Marvin Reiff						
127 Elai	GrH	8-1	305	22,182	3 8	854
Daniel M. Stoltzfus						
Sue	RH	4-4	305	27,007	3 1	848
Elaine	GrH	3-3	305	23,887	3 5	838
Amos M. Stoltzfus						
Isabell	RH	4-11	305	26,283	3 2	848
Henry & Omar Fisher						
Jean	GrH	7-1	305	21,103	4 0	848
Diane	GrH	6-7	305	21,115	3 8	805
Robert N Brandt						
18	GrH	8-9	305	22,698	3 7	846
16	GrH	7-9	305	23,287	3 5	822
Lenewood Farm						
Lass	RH	3-0	305	19,721	4 3	846
J Richard Kolb						
Vale	RH	4-8	305	23,893	3 5	845
44B	GrH	9-1	305	19,912	4.1	817
Wilmer L. Shertzer						
21	RH	8 7	305	22,428	3 8	845
Norman B Rutt-Son						
142	GrH	5 4	305	22,318	3 8	845
Ra-El Holsteins						
Nettie	RH	8-4	305	25,009	3 4	844
Jackie	RH	3 5	305	24,872	3 3	811
Clyde W Martin						
Jen	RH	8-9	305	23,444	3 6	842
Wendy	RH	3-0	299	23,006	3 5	813
George M. Hurst						
A 75	RH	3-4	305	23,988	3 5	841
Richard N. Sauder						
Emma	RH	3-11	305	22,591	3 7	841
Robert Ginder						
Magic	GrH	7-3	305	21,276	3 9	840
Tom & John Harnish						
Jackie	GrH	7-5	305	22,401	3 7	838
Faul M Fahnestock						
70	RH	5-3	305	21,537	3 9	838
20	GrH	3-3	305	21,842	3 8	828
Samuel M Martin Jr						
Rita	GrH	6-4	305	22,100	3 8	836
6	GrH	4-5	305	19,794	4 1	813
Roy Edwin Sauder Jr						
57	GrH	4-0	305	19,760	4 2	836
18	GrH	6-9	305	22,034	3 7	822
Elmer & Kerry Boyd						
Frieda	RBrSw	5-0	301	20,632	4 0	835
David D Zimmerman						
Carolyn	RH	3-2	305	21,961	3 8	834
J Harold Fritz						
88	GrH	8-4	305	20,610	4 0	834
Kenneth E Zurin						
Bel	RH	6-8	305	22,812	3 7	833
John D Nissley						
Georgia	GrH	9 7	305	23,158	3 6	831
Stephen J Stoltzfus						
Molly	GrH	5-11	305	22,908	3 6	830
Judy	RH	7 0	305	21,458	3 8	810
J M Stoltzfoos						
157	GrH	5-10	305	21,166	3 9	830
William P Arrowsmith						
Mickey	GrJ	4-3	305	15,146	5 5	829
Minnie	GrJ	7-7	305	16,277	5 0	821
Abram M Stoltzfus						
Connie	GrH	3 8	305	22,783	3 6	828
J Carl Zander						
Cindi	RH	6-2	305	20,193	4 1	828
Kenneth B Garber						
Pearly	RG	3 6	305	19,154	4 3	828
Henry U Stoltzfus Jr						
Lassie	GrH	5-3	305	22,533	3 7	826

(Turn to Page D12)

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Number	Name	PD$$	PDM	% Test	Fat	RPT	PDT	TPI	RPT
29H3198	Koneta	+162	+ 822	+.21%	+61	69%	-.33	+313	72%
29H3093	Grand Slam	+175	+1009	+.16%	+61	79%	+.30	+381	80%
29H2775	Tr. Threat	+104	+ 477	+.16%	+41	99%	+1.91	+353	99%
29H3337	Ivaned	+153	+ 855	+.15%	+54	67%	+.02	+314	70%
29H4175	Politician	+172	+1066	+.12%	+57	67%	+.47	+386	46%
29H3183	Ken Royal	+188	+1217	+.10%	+60	73%	-.05	+378	76%
29H3300	Stargazer	+162	+1045	+.09%	+52	82%	+.00	+330	79%
29H3032	Cypress	+137	+ 873	+.08%	+44	79%	+.59	+320	77%
29H2960	Sexation	+194	+1328	+.07%	+59	73%	+2.53	+575	67%
29H3345	Napoleon	+139	+ 935	+.06%	+43	80%	+1.86	+417	74%
29H413	Triune	+181	+1293	+.04%	+53	37%	+.28	+389	35%
29H3246	Dynasty	+221	+1610	+.03%	+63	63%	-1.34	+352	68%
29H3206	Allen	+203	+1479	+.03%	+58	66%	-1.39	+314	66%
29H3645	Sooner	+141	+1007	+.03%	+41	56%	+2.02	+431	41%
29H3085	Elmer	+255	+1876	+.02%	+72	72%	+.11	+521	68%
29H3081	Henry	+166	+1221	+.02%	+47	67%	+.64	+384	68%
29H3360	Hakim	+244	+1825	+.01%	+68	59%		- N/A -	
29H3820	Dairyman	+206	+1546	+.01%	+57	56%	+1.54	+530	54%
29H3760	Dixie	+167	+1235	+.01%	+47	47%	+2.49	+514	29%
29H3710	Mountaineer	+146	+1086	+.01%	+41	61%	+.97	+366	46%
29H3105	Milmay	+222	+1679	+.00%	+61	69%	+1.50	+557	55%
29H3195	Vic	+216	+1644	+.00%	+59	77%	+.65	+487	76%
29H3399	Kisko	+200	+1517	+.00%	+55	53%		- N/A -	
29H3017	Belle	+149	+1120	+.00%	+41	76%	+1.53	+409	76%
24 test sires avg.		+179$	+1240M	+.06%	+54F	68%	+.74	+397	66%

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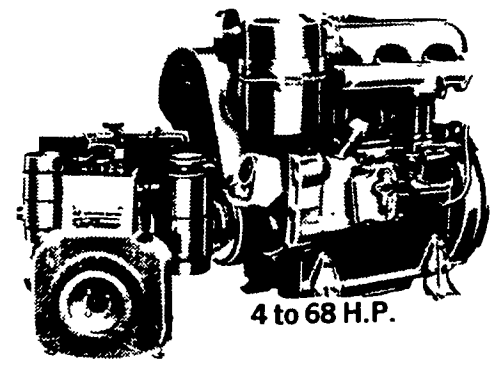

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Lancaster Co. DHIA

(Continued from Page D11)

Christian Stoltzfus Essay	RH	6-6	292	22,193	3 7	826
Robert G Hershberger 65	GrH	7-2	305	20,361	4 1	825
Harry L Troop Beverly	RH	5-1	301	20,231	4 1	825
Allen K Risser 43	GrH	5-4	305	22,652	3 6	823
Albert Breneman 63 Sadie	RH	5-0	305	22,481	3 7	823
Gerald Martin Heidi	RH	4-5	305	21,875	3 8	823
Marvin S. Nolt 134	GrH	5-5	305	21,687	3 8	823
Harry H Ranck Jr Eva	RH	5-2	305	24,348	3 4	822
Joan	RH	4-1	305	23,214	3 5	822
E. Richard Bruckhart Sandra	RH	6-10	305	21,591	3 8	822
Panda	RH	5-5	305	23,238	3 5	813
Ivan Zimmerman Flirt	RJ	5-7	305	15,579	5.3	821
Wilmer G. Kraybill Button	RH	4-4	305	19,839	4.1	820
Parke H. Ranck Margo	RH	4-1	305	19,809	4 1	820
Robert Martin 54	GrH	7 10	305	20,854	3 9	819
Emanuel S. Fisher Ellen	RH	6-8	298	20,025	4 1	819
Jay E Landis Lucky	RH	10-3	305	22,468	3 6	818
Hiram S Aungst Luci	RH	4 10	305	21,859	3 7	818
Nelson H Wenger Cottoni	RH	2 3	305	19,009	4 3	818
Sam K Stoltzfus Erie	GrH	4 10	305	23,355	3 5	816
Luke S Stoltzfus Lassie	GrH	5 1	305	22,268	3 7	816
Meadow Springs Farm Molly	GrH	3 8	305	21,609	3 8	815
Al Mar Farm Bonnie	RH	4-1	305	20,499	4 0	814
John U Glick Lucinda	RH	7 2	305	23,784	3 4	813
Joanna	RH	5 0	305	22,890	3 5	807
Gusty Crest Farm Fan	RH	4 6	305	21,648	3 8	813
LeRoy S Weaver Mattie	GrH	6-2	301	23,719	3 4	811
Eugene Trostle 32	GrH	6-1	305	19,361	4 2	811
102	GrH	6-1	305	18,483	4 4	809
Paul H Hursh 173	GrH	2-10	305	19,297	4 2	811
Naaman W Stoltzfus Tanya	RH	6-8	305	21,839	3 7	810
Harold K Witmer Ripples	RH	6-6	305	21,461	3 8	810
Raymond K Burkholder 74	GrH	7-1	305	19,320	4 2	810
J Mowery Frey Jr Lilly	RH	3-1	299	24,997	3.2	808
Marvin Reed Tina	GrH	8-2	297	23,560	3.4	808
Robert Gochenaur Jr 49	RH	4-2	305	20,309	4.0	808
Cedar Wood Farm Tammy	RH	6-4	305	17,879	4 5	808
David E DeLong 206	GrH	5 3	305	19,934	4 0	807
Albert E Fry Laura	RH	3-4	305	21,469	3 7	805
Christian & Katie King 81	RH	7-6	281	20,435	3 9	805
Charles A Hess Ada	RH	5 0	305	19,812	4 1	805
El-Dell Farm Polly	GrH	3 6	305	21,118	3 8	804
P Robert Wenger Vernie	RH	6 2	289	20,143	4 0	804
Robert L Shelly Carol	RH	6 7	305	23,364	3 4	803
Pearl	RH	7-8	305	19,534	4 1	802
Joseph W Best & Sons 18	GrH	4 1	305	22,579	3 6	802
Luke L Martin Gertie	RH	5-2	295	21,009	3.8	802
Alvin L Petersheim Miriam	GrH	4-1	305	21,598	3 7	800
Jonathan K Lantz Ginnie	RH	4 1	305	19,586	4 1	800

Dairy Pipeline

By Glenn A. Shirk
Extension Dairy Agent

Teamwork and Commitment

By the time you read this column, the new dairy program will have just gone into effect. Before too long, dairy producers will be feeling the impact of the 50-cent deduction in their wallets.

This new program has been termed a "bad one" by almost everybody who has given much thought about it. It is designed so that dairy farmers will help bear the government's cost of handling surplus milk production. This affects all dairy producers, including those who have not contributed to the surplus problem.

The 50-cent deduction will put extra monies into the government's purse almost immediately, but it does nothing to encourage more consumption, to reduce competition from subsidized imports, or to encourage farmers to produce less milk.

For an average dairy farmer with a 60-cow herd, the 50-cent deduction will result in $4,000 less income per year. For those that might be hit with a second 50-cent deduction next April, the loss would be more than $8,000. If you have 120 cows, just double these figures. Ouch!

For Lancaster County alone, the deductions will amount to $6-12 million, dollars which will not be available to pump back into our local economies. That means fewer jobs, and more welfare programs to support the unemployed. It also means fewer income tax dollars being paid into the U.S. Treasury.

More — not less

The new program, instead of discouraging production, will probably encourage more production. The deduction may force some dairy farmers out of business — the marginal operators, those who are over-extended, financially-strapped young farmers trying to get started, dairy producers who just happened to be hit with a bad streak of herd health problems, and those who are just simply tired and fed up with the whole mess. This attrition will help reduce surplus production. Chances are though, these losses will probably be overshadowed by the increased production of those farmers who elect to stick with dairying.

As the deductions bite into their profit margins, dairy farmers will

(Turn to Page D13)

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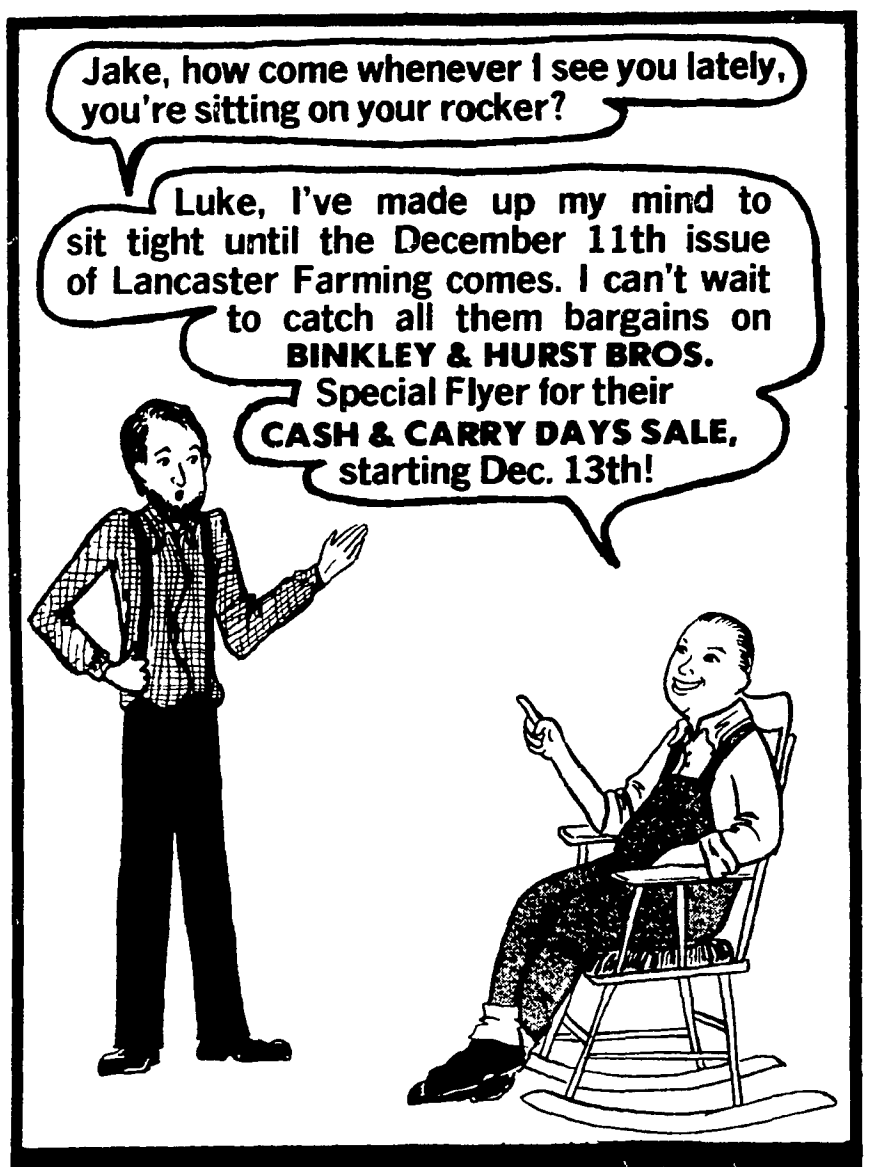
Jake, how come whenever I see you lately, you're sitting on your rocker?
Luke, I've made up my mind to sit tight until the December 11th issue of Lancaster Farming comes. I can't wait to catch all them bargains on BINKLEY & HURST BROS. Special Flyer for their CASH & CARRY DAYS SALE, starting Dec. 13th!

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Dairy Pipeline

(Continued from Page D12)

have to produce more milk to have sufficient income to meet their operating and overhead expenses. Government purchases of these newly-created surpluses could exceed the net revenue they'll collect from the 50-cent deductions.

Most dairy farmers and the dairy industry as a whole are honestly concerned about the surplus situation. Most of them also are willing to make some sacrifices to help correct the situation as quickly as possible, if there was a good program for all of them to participate in. They have been offering a lot of good suggestions. Let's look at a few of them.

Increase consumption

Increase consumption of dairy products. Develop new products; cater to the consumers' tastes and to their buying habits, and price milk according to the strength of their demand. Look at UHT (ultra high temperature pasteurization) as a method of overcoming refrigeration and shelf-life problems and for creating new markets for dairy products.

Be more energetic and innovative in promoting dairy products. They are wholesome, nutritious products worthy of promotion. However, don't expect consumers to feel a moral obligation to buy them. They have to be sold, like our competition. That can be done most effectively with the support of those who have the most to lose — dairy farmers. But, hire the experts to get the job done; after all, we're competing with real pros for a share of the market.

Recently, I had the privilege of attending a local meeting of a milk marketing cooperative. I was impressed with their new product development, and their innovative and energetic advertising program. They were attempting to find out what products consumers wanted, and if it looked profitable, they produced it.

They also tagged along with other products, with other food companies, and with well-established big names in their advertising program in an effort to sell more dairy products. And, it is selling milk.

Where were these programs ten years ago? If we would have had them then, chances are we'd have no surplus milk today and the American public would be healthier for having consumed more dairy products.

Use more U.S. dairy products in the armed forces, at sea and abroad. Put milk into school lunch programs. Raise the standards for fluid milk and increase the solids content by using some of our surplus powder. Spend less money on warehousing surpluses; give it away sooner, while it is still fresh, to needy people here and abroad. Develop export markets.

Reduce competition

Reduce imports of dairy surpluses from other countries. Many of them are subsidized, and are unfair competition. Levy an import tariff on these products to offset unfair subsidies. If these imports were halted, there would be no surplus.

Produce for a consuming market

It is frightening to know how heavily some dairies depend upon the government to buy their production. I'd be frightened to know that my half-million or 1-million dollar business hinged on such a shaky market, one that is so directly vulnerable to the changing winds of politics.

A consuming market is much more realistic; it's more predictable and more stable. Chances are, there will always be willing consumers.

If we had done a better job selecting our markets and policing our production, we would not have our present problem.

Reduce Production

As long as farmers have bills to pay, it is unlikely they will reduce production unless there is some incentive for them to do so. Higher prices would help if we can control our greed. Another suggestion was for IRS to provide tax credits to farmers who slaughter heifer calves. This would be an incentive for them to help control the size of their milking herds.

A last-resort suggestion was to impose temporary production quotas on dairymen, while at the same time, also pursuing some of the other more positive approaches mentioned earlier. Over-quota milk would be paid for at the lower world market prices, less the costs associated with getting rid of this surplus production.

If this were implemented, it would probably have more impact if dairy farmers were paid with

(Turn to Page D14)

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Cowanesque Valley Livestock Market Box 212, R.D. #1, Route 49, Knoxville, Pa. 16928	(Tues.)
Danville Cattle Company, Inc. Box 39, R4 (Old Route 11) Danville, Pa. 17821	(Mon.)
Dewart Livestock Market Box 95, Dewart, Pa. 17730	(Mon.)
Four States Livestock Market 912 View St., Box 108, Hagerstown, Maryland 21740	(Tues.)
G & M Livestock Exchange R2, Box 236, Duncansville, Pa. 16635	(Mon.)
Greencastle Livestock Market, Inc. Box 86, Greencastle, Pa. 17225	(Mon.)
Green Dragon Livestock Sales R.D. #4, Ephrata, Pa. 17582	(Fri.)
Keister's Middleburg Auction Sales, Inc. Box 185, R3, Middleburg, Pa. 17842	(Tues.)
Lancaster Stockyards, Inc. Box 713, 1147 Lititz Pike, Lancaster, Pa. 17601	(Daily)
Lebanon Valley Livestock Market, Inc. R.D. #1, Fredericksburg, Pa. 17026	(Tues.)
Leesport Market & Auction, Inc. Box B, Leesport, Pa. 19533	(Wed.)
Meadville Livestock Auction Box 207 R.D. #3 Conneautville, Pa. 16406	(Wed.)
Morrisons Cove Livestock Market Box 444, Martinsburg, Pa. 16662	(Mon.)
New Holland Sales Stables, Inc. 101 W. Fulton St., Box 96, R3, New Holland, Pa. 17557	(Mon., Wed., Thurs.)
New Wilmington Livestock Auction Inc. Box 412, R3, New Wilmington, Pa. 16142	(Feeder Pigs, Mon. 4th. Fri.)
Penns Valley Livestock Auction, Inc. Centre Hall, Pa. 16828 (Mailing Address, Box 36, Kylertown, Pa. 16847)	(Tues.)
Pennsylvania Livestock Auction, Inc. Box 432, R4, Waynesburg, Pa. 15370	(Thurs.)
Quakertown Livestock Sale 201 Station Road, Quakertown, Pa. 18951	(Wed.)
Troy Sales Cooperative Box 312, Troy, Pa. 16947	(Wed.)
Valley Stockyard, Inc. Box 231, Athens, Pa. 18810	(Mon.)
Vintage Sales Stables, Inc. Box 100, R2, Paradise, Pa. 17562	(Tues., Wed., Sat.)
Wyalusing Livestock Market Wyalusing, Pa. 18853	(Mon.)

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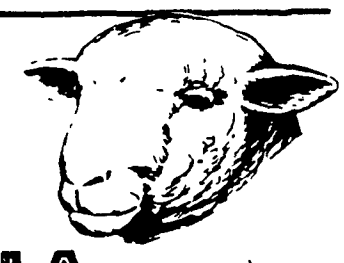

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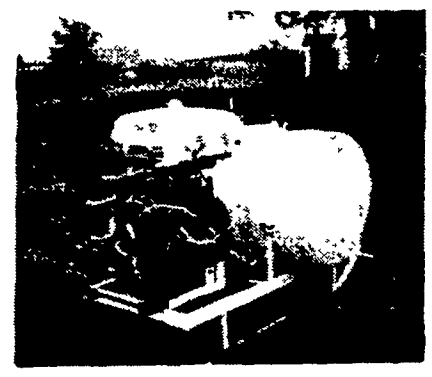

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Dairy Pipeline

(Continued from Page D13)

two checks — one for quota milk, and a separate one for over-quota milk. Violators would get the message quickly. The low prices of surplus milk would stand out boldly; they would not be masked by the higher quota prices.

Quotas are very unpopular, but they have the potential for correcting a bad situation in a hurry and for regaining strength in the market place. Once the problem is corrected, quotas can be lifted.

Dairy farmers who are working with cows that are producing considerably less than their inherited genetic potential could probably maintain their present levels of profit by doing a better job with fewer cows, and find out that they are actually shipping less total milk. This is not a quick and easy thing to accomplish, but one worth considering.

Quick and painful, or slow and painful

The surplus situation is a complex problem. It didn't come overnight and it's not going to go away overnight. However, some of the suggestions we've been hearing, and which I've tried to discuss briefly, have the potential for offering quicker solutions than others. One thing we can almost be sure of — it's going to be painful.

The decision the industry may need to face is "Do we want the pain to be quick, or shall it be long and drawn out?"

Our challenge, as an industry is to come up with well-thought-out programs, and push for legislation that will be favorable, not only to the dairy farmer, but to the country as a whole.

We can, and need, to do much better than we have. As an industry, we need to put aside our differences, our pride, our jealousies and our independent nature. We need to work together as a team; we have a lot in common, and we have a big job to do.

Let's get started; the stakes are too great to be wasting any more time.

How to avoid grain explosions

COLUMBIA, Mo. — A University of Missouri-Columbia agricultural safety engineer says grain elevator fires and explosions could be substantially reduced if operators would follow a few precautions.

"At least the severity of the explosion could be eliminated if elevator operators removed the pressure buildup that occurs within these confined areas," said David Baker.

"And if they removed any of three other things—oxygen, fuel and the ignition source—it could stop the risk of fire."

In a new agricultural safety guide, "Grain Elevator Dust Explosion and Fire Training Program," Baker has outlined several steps elevator managers and employers can take to reduce hazards in grain elevators.

Elevator explosions average about eight a year in the U.S. In addition, 2,900 elevator fires occur annually. One grain elevator explosion in Corpus Christi, Texas, last year killed nine people. injured 30 more and caused millions of dollars in damage.

U.S. potato crop up 4 percent

WASHINGTON, D.C. — The 1982 fall potato crop is forecast at 307 million cwt, up nearly 4 percent from last year, with increased acreage offsetting a slight drop in yield. Output is higher in the western and central states, while poor growing conditions caused a smaller crop in the eastern states, reports USDA's Economic research Service.

The higher production and stable nature of potato use will lower the season-average grower price to $4.00 to $4.50 per cwt, from $5.41 during 1981/82. Through mid-1983, retail prices of tablestock potatoes will probably be 10 to 20 percent below a year earlier.

Prices for frozen potato products in the coming year are uncertain. Although frozen stocks on Oct.1 were about a tenth higher than last year's low holdings, some processors increased their list prices early that month.

Net disappearance of frozen potatoes between July 1 and Oct. 1 was up sharply from last year, indicating some strength in demand. However, with large supplies of potatoes available for processing, price rises should be moderate through next spring.

Per capita potato consumption totaled 115 pounds (fresh-weight equivalent) in 1981, compared with 118 during 1980. A 3-1/2 pound rise in processed potato consumption (to 65-1/2 pounds) was not offset by a 6-1/2-pound decline in tablestock use (to 49 pounds, the second lowest on record). Between 1970 and 1981, per capita consumption has ranged from 113 to a record 124 pounds (in 1979), averaging 118 pounds.

In general, processed potato use has been stable over the past decade, while tablestock consumption has varied with the size of the crop. This contrasts with the 1960s, when processed consumption (mostly frozen potato products) rose 130 percent, while tablestock use declined a third.

A record yield and larger acreage made this year's sweetpotato production the biggest since 1965. This year's crop is placed at 14.6 million cwt, up 14 percent from last year. Relatively favorable prices over the past 2 years spurred the larger area, while excellent growing conditions increased yields.

Because of the large crop, 1982/83 grower prices will average sharply lower — between $8 and $11 per cwt — compared with last season's $13.60. During October, growers received an average price of $6.23 per cwt, down more than 40 percent from last year and the lowest since late 1976.

ASC elections close Dec. 6

HARRISBURG — Lists of the names of all known eligible persons to receive ballots in the upcoming annual ASC committee election are available in county ASCS offices.

ASCS, an agency of the U. S. Department of Agriculture, is responsible for farm program administration. On the local level, ASCS operates under a farmer-elected committee system. This year's elections will be by mail ballot until Dec. 6.

Anyone who meets the following requirements is eligible to vote in these farmer committee elections; any individual of legal voting age with an interest in a farm as owner, tenant, or sharecropper who is eligible to participate in any ASCS program.

Several general provisions relate to ASC voter eligibility. A wife who operates a farm with her husband can vote if her name is on the deed of conveyance. Any person under 18 years of age can vote if he or she runs a farm, and a legal guardian who runs a farm can vote for the child. No person can be denied the right to vote because of race, sex, color, religion, or national origin.

A person may cast a ballot in any county in which he or she is an eligible ASC voter, but he or she cannot vote in more than one community in the county. If an eligible voter has separate farm interests in more than one community in the same county, special care will be taken to see that only one ballot is issued to that voter.

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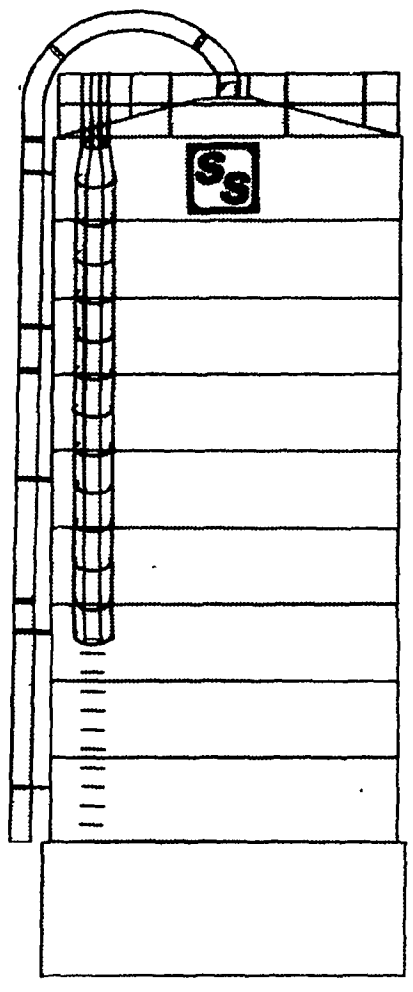

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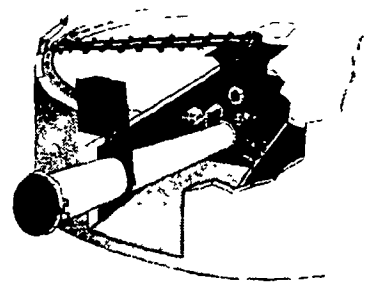

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Farm Talk

Jerry Webb

Why would anybody want to be a migrant worker? I ask myself that question every time I read one of those touching stories about the plight of the migrant worker.

If the pay is so bad and the work so miserable, why do they do it? Why leave home and family and the security of a familiar environment for the uncertainties of migrant work?

The stories I read tell of hardship, deprivation, substandard living conditions, back-breaking work, abusive crew chiefs, unsympathetic farmers, and average incomes well below the poverty level. Put that on a recruitment poster and see how many join up.

But something makes them join. For some reason, whole families will climb into an old car somewhere in south Texas and follow the harvest through Kansas, Iowa, Michigan, Minnesota, the Dakotas, and Washington. They follow the harvest wherever it takes them—to the sweet corn and snap bean fields of Wisconsin, the apple trees of Oregon, the berry patches of New Jersey, and the processing plants that go along with fruit and vegetable farming.

The stories tell of squalor, of back-breaking stoop labor, of little children who must work dawn til dark, just to put food on the table. And always it seems the migrant worker gets less than he deserves. He is often robbed of his wages, charged outrageous prices for commodities he must have, and is shunned in the communities where he visits. And still I find myself asking, why do they do it?

Migrants have been around for more than a century. They've havested crops in virtually every state, and certainly they've made their contribution to American agriculture. Before the turn of the century, migrant workers had grown in importance in areas where large amounts of seasonal labor were required. Farmers were concentrating on specialty crops that required huge amounts of labor for short periods of time. Crops like wheat, sugar beets, and a long list of vegetables were being grown in concetrated areas.

And workers who followed the harvest were the salvation for these farmers. These early migrants followed the harvest, in groups and as individuals, at a time when all farm work was back-breaking stoop labor. In the early days, migrants came from a variety of ethnic backgrounds, and many of them graduated out of the migratory status into full-fledged farmers.

The need for migrant workers grew steadily during the first half of the twentieth century. In fact, during World War II when there was a serious labor shortage on American farms, a concentrated recruitment effort went on. The Emergency Farm Labor Program was established in 1943 and continued until 1947. Through it, thousands of foreign farm workers came into this country.

Along with this, technology was working to reduce the need for hand labor. Machines were being invented that did many of the back-breaking jobs. A farmer could sit on a tractor seat and harvest a crop in a few days that had previously required weeks of stoop labor by dozens of migrants. Cotton pickers, combines, tomato harvesters, and chemicals that eliminated the need for thinning, weeding, and other hand work were available.

America's migrant worker population peaked about 1950 with a million workers. It's been a steady decline ever since to the point where there are probably no more than 200,000 today. That's out of a total of no more than two million farm workers. There are still areas where migrants are important, but not like they used to be.

In this area there are a few crews each year working the vegetable crops, but that's not a very large acreage and it doesn't require very many of them. Farmers who used to grow vegetables and use migrant workers have switched to the relatively easy production of corn and soybeans—work that can be done by one man from the seat of a tractor or a combine. There are no labor camp worries, no health department regulations, no social pressures. So fewer migrants make the trip to Delaware, Maryland, Pennsylvania and some other states that used to employ thousands of migrant workers every year.

No doubt this trend will continue as new machines are developed and new crop varieties released that will withstand the rigor of mechanical production and harvest. The time will come when migrant workers will virtually disappear. In a way I suppose that solves the migrant worker problem.

But what about the migrant worker? What happens to him? I suspect many of them are brought into the regular work force. Others go back to where they came from to do what they did before they hit the road. And others become welfare problems in the states where they are stranded. Many lack the skills to do other things, the motivation to fit into a strange surroundings, or the money to get back home. And so welfare agencies and private organizations help them as best they can.

Is society or are farmers to blame for the migrant worker's dilemma? From an economic point of view, I think not. Sure there are social obligations and these must be met to some degree regardless of the economics, but migrant workers exist to fill an economic need and when that need disappears, the workers disappear also. Just like barrel makers, wagon builders, horseshoe manufacturers, and all of those other industries that fell victim to progress, the migrant worker is being phased out. That in no way excuses their abuse by opportunists, nor does it condemn the farmers who still use them.

One final thought. In an economy where 10 percent of the employable are out of work, maybe it's easier to understand why some folks are lured to the difficult tasks of migrant workers. Maybe that's why they leave home and follow the harvest. A back-breaking job with low pay may be their best hope.

Dutch Country goat club to meet

LANCASTER — The Dutch Country Dairy Goat Club will hold its next regular meeting at 7:30 p.m. on Tuesday evening, December 7. It will be held in the meeting room of the Coca Cola plant, Lancaster, located on Route 72 about 1/4 mile south of Route 283.

President, Jacob Fisher announced that the program will consist of discussions on "Winter Housing Concerns" and "Getting Started in the Dairy Goat Business," with emphasis on costs and returns and the requirements for selling milk.

Anyone interested in the dairy goat business is invited to attend.

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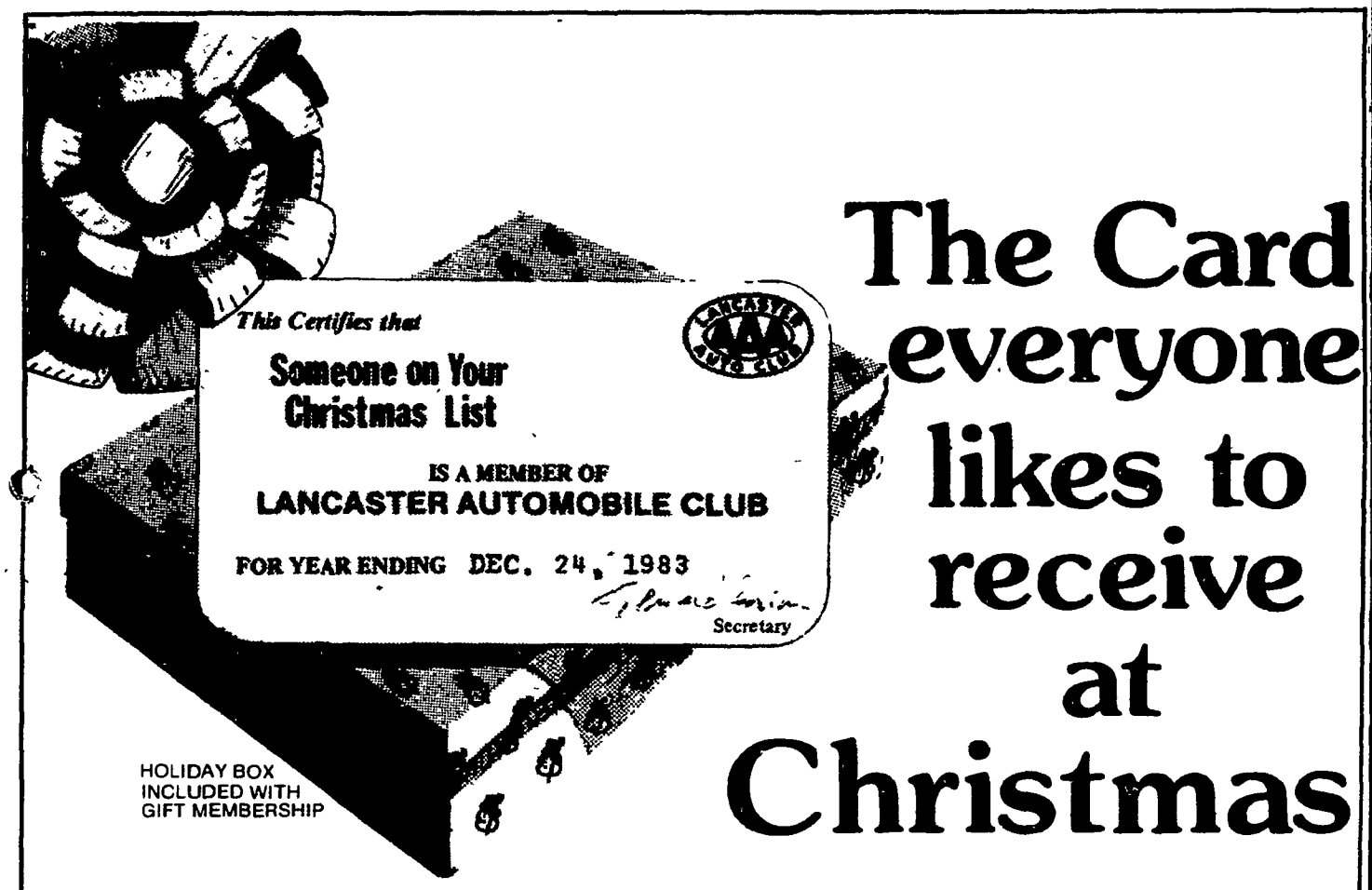
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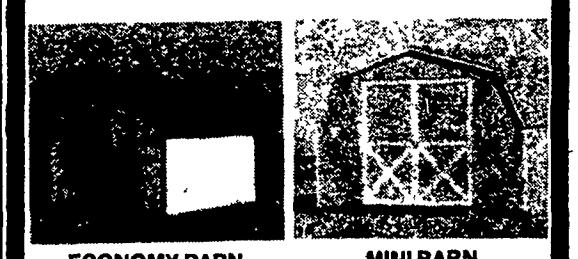
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New round balers have more capacity

NEW HOLLAND — Two new round balers from Sperry New Holland offer more capacity than any comparable round baler on the market. The new Models 849 and 855 feature rubber covered rolls to support the bale during rolling twine wrap. A heavy-duty apron chain forms the bale in the manner of previous models.

The 13-ton per hour Model 849 makes bales 57-inches wide and 60-inches in diameter. The larger Model 855 has a capacity rating of up to 15 tons per hour with 5½ x 5½-foot bales weighing up to 1700 lbs.

A new air-spring controls bale density by regulating apron chain tension as the bale forms on the Model 855.

Round Baler Product Manager, Dick Salisbury, says "The new roll floor design provides increased capacity as well as better bale shape and density. These two new models continue Sperry New Holland's leadership in the round baler market."

Standard features on both balers include Super-Sweep windrow pickups, tail gate latch and bale size indicators plus a choice of manual, hydraulic or Auto-Wrap twine wrap system. Options include apron chain reversing to aid bale ejection, a bale kicker to help eject the bale far enough to clear the closing endgate, full bale alarm and bale counter.

Two new round balers from Sperry New Holland feature a roll floor design that uses a rubber covered roll to support the bale during rolling and twine wrap.

Both new balers are covered by the Sperry New Holland 2-year/5,000 bale apron chain replacement policy.

Hesston extends warranty

Hesston Corporation has extended engine warranty on new agricultural tractors to 48 months or 3,000 hours.

The new warranty extends coverage on the engine from 24 months or 1,500 hours to 48 months or 3,000 hours from the date of delivery of the tractor to the original purchaser — effective on tractors purchased after Aug. 1, 1982.

American Breeders Service has just released a 44 page, full color beef sire directory that outlines their new beef bulls and facilities. The directory offers a complete source of new genetics with over 80 bulls from 18 different breeds. Cattlemen can easily select top-performing herd sires for such important traits as calving ease, weaning and yearling growth, maternal traits and show-winning conformation.

To obtain a copy of ABS' 1983 Beef Sire Directory, contact your local ABS representative or American Breeders Service, P. O. Box 459, DeForest, Wisconsin 53532.

Chester Co. slates mushroom and dairy 'crisis' meeting

HARRISBURG — Chester County farmers will meet Monday evening, Dec. 6, at Perkins Cake and Steak House, Route 41, Avondale, to protest Federal government import policies and tax actions which are destroying area mushroom and dairy industries.

Monday's meeting, hosted by Chester County Farmers Union, will begin at 7:30 p.m. Area public officials, including U.S. Congressmen, Pennsylvania agriculture secretary, state legislators, county commissioners and the public have been invited to attend and help develop politically effective opposition to current government policies.

A federal gross receipts tax of one dollar per hundredweight is scheduled to be levied against all milk producers. Fifty cents per hundredweight will be deducted beginning Dec. 1, the additional 50 cents by next April.

If the levy is implemented as planned, Chester County will lose $4 million annually, not taking into account dairymen who will be forced out of business. The new tax will cost the average dairy farmer, milking 60 cows, $7,500 a year by next spring. In addition to the new tax, the base price to the farmer was frozen in October 1980 for five years.

More than a dozen southeastern Pennsylvania mushroom growers and processors have gone out of business entirely in the last two years, while most of the remaining have cut back their production substantially. Growers claim the processors market has virtually disappeared, as processors increasingly use imported mushrooms, leaving only the fresh market remaining to domestic producers.

Farm Hardware handles nuts and bolts

SHOEMAKERSVILLE — "Farmers sell wholesale — they should buy wholesale."

That's what Wesley Pace, president of Farm Hardware, division of G.P. Fasteners and Industrial Supply Inc. says.

"Farmers are businessmen first. Everybody else in business enjoys price discounts on whatever they purchase and farmers deserve the same treatment," said Pace.

The company's newly formed division named Farm Hardware located here in Shoemakersville will do something about the situation. The division will supply all types of fasteners including bolts, cotter pins, clevis pins, screws, plow bolts etc. direct to the farmer in Pa., N.J., NY, Del. and Md.

"Our marketing research shows wer can sell the farmer bolts for 35 to 60 percent less than what farmers are paying at farm retail stores. What's more, the quality will meet or exceed Industrial Fastener Institute standards. That is to say, the quality will be the same as the farmer has been used to getting," said Pace.

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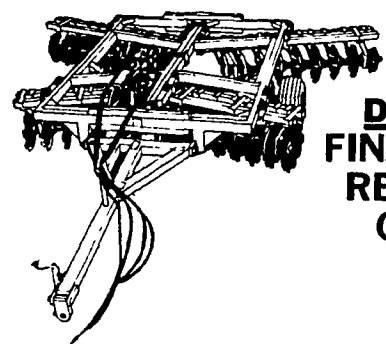
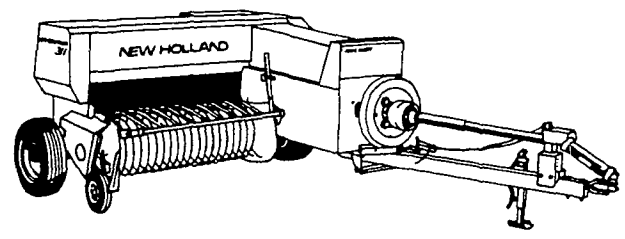
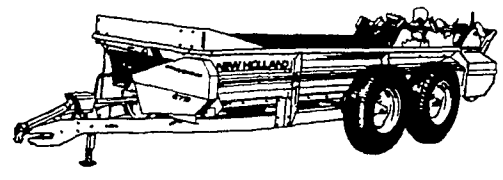


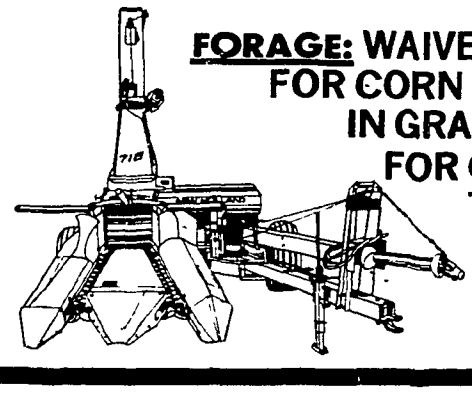
DISKS: WAIVER OF FINANCE TO 3/1/83 OR REBATES FOR CASH OF $250 TO $700



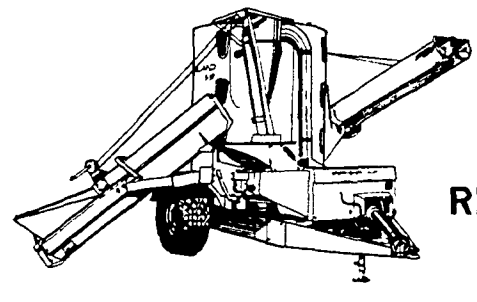
HAY TOOLS: WAIVER OF FINANCE TO 7/1/83 OR REBATES FOR CASH OF $50 TO $1400

COMBINES: WAIVER OF FINANCE TO 11/1/83 WITH INTERIM PAYMENT OR REBATES FOR CASH OF $5000





FORAGE: WAIVER OF FINANCE TO 9/1/83 FOR CORN AND 6/1/83 FOR USE IN GRASS OR REBATES FOR CASH OF $200 TO $4200



SPREADERS/GRINDER-MIXERS: WAIVER OF FINANCE TO 4/1/83 OR REBATES OF 5% OF CASH PAID TO DEALER

Chicken Coop News

Update on the poultry industry

By Herb Jordan

Penn State Extension Poultry Specialist

The mother rabbit is one answer to high energy cost and inflation of price above actual value of items purchased.

One 10-pound adult doe rabbit, if well managed, can produce 100 pounds of young, fresh, dressed, oven-ready fryer rabbit each year. No fossil fuel energy is needed to heat young rabbits and only a fraction of a cent per pound of rabbit is needed for an electric light in the rabbit warren or barn.

Low cost roughage feed can be used for efficient rabbit meat production. This is because poultry and hogs need fiber content below 7 percent while rabbits do well on 10 to 20 percent in the ration.

The mother rabbit can produce 10 times her live bodyweight in oven-ready young fryer rabbit in one year whereas other species require 2 to 7 years to produce 10 times the mother's live bodyweight in oven-ready meat. Thus, we see the rabbit has a time advantage.

The rabbit also has a space advantage in that it can be kept in a cage with 30 to 40 square inches of floor space per pound of live rabbit. It has an advantage in energy conversion in that the rabbit milk is about one-third solids and nourishes the growth of young rabbits at a faster rate kthan nearly all other specis of animals.

the market is multiple in that the animal mass is quickly developed and the rabbit has value as a lovable pet, sensitive research model (if treated properly), laboratory animal, meat animal. And pelts now sell in ladies' coats and jackets.

Turf grass good for sludge

ANAHEIM, Calif. — "Fertilizing turf grasses with sewage sludge provides a way to use valuable waste material and avoid the potential hazard of trace metal contamination of food crops," C. Edward Clapp, USDA research chemist and Donald B. White, University of Minnesota Professor of Horticultural Science reported before the American Agronomy Society meeting here Tuesday.

Working on experimental grass plots near the University of Minnesota, St. Paul, over a six-year period, Clapp and White applied digested sewage sludge in liquid and dry form and compared the results with grass plots treated with commercial ammonium nitrate fertilizer each year. Splitting the total yearly fertilizer nitrogen requirement into two applications can improve quality and is recommended by the researchers.

Plots of Kentucky bluegrass and creeping bentgrass produced increased yields in each of the initial two years and then leveled off over the next four years of the study, Clapp said. No toxic effects from trace metals were observed in the grasses treated with sludge. Analyses of plant tissue showed only zinc and copper at higher levels than in the grass from the commercially fertilized plots.

"Golf courses and other turf growers can apply liquid or dried sewage sludge at normal fertilization rates and maintain grass growth without decreasing turf quality, according to the results of these studies," White said. The researchers recommend that municipal wastewater treatment plants should consider utilization of sewage sludge on turfgrasses as an alternative to disposal by incineration or landfilling.

ARS studies feeding lambs alfalfa - brome

ST. PAUL, Minn. — Average daily gains are nearly identical when lambs graze alfalfa or a mixture of alfalfa-smooth bromegrass that is predominately alfalfa.

Daily gains on alfalfa-brome decline when the grass provides more than half of the total forage available.

This difference disappears, however, when lambs also are fed grain free choice, as seen in 3-year studies by the Agricultural Research Service and the University of Minnesota.

ARS agronomist Gordon C. Marten and university ruminant nutritionist Robert M. Jordon are studying lamb production as affected by forage to develop lower cost cropping systems and to reduce erosion.

Beyond that, the sheep serve as ruminant pilot animals in the studies to detect biologically significant advances in forage quality and cropping systems. Sheep are more sensitive to most dietary changes than cattle, Marten says. If something biologically significant is determined with sheep, it is then tested on cattle.

"U.S. sheep numbers declined from about 25 million to half that from 1965 to 1979," Marten recounts. "Since then they have shown slight increases of 1 to 2 percent each year.

"That's encouraging because, as you may know, sheep get 90 percent of their feed nutrients on the average from forages, and sheep are often raised in areas that are subject to considerable soil erosion.

"If we can develop forage-oriented cropping systems that appeal to present and potential sheep producers," Marten says, "then we may be able to reduce the cost of producing sheep, increase production and consumption of lamb, and create markets for forages that will increase water absorption and protect soils from erosion. But that depends on consumer acceptance of lambs, and more specifically acceptance of forage-fattened instead of grain-fattened lamb."

Marten says the ARS-Minnesota research supports the continued feeding of grain to lambs on pure legume pastures and legume-grass mixtures for maximum and most cost-effective weight gains. Lambs and other ruminant animals cannot consume as much energy from grass-legume mixtures. However, there is the problem of bloat among sheep and other ruminants when pastured on pure alfalfa, he says. "If we could come up with a bloat-free alfalfa, such as the Canadian Department of Agriculture is attempting to breed, then we would recommend grazing pure alfalfa more often."

Hampshire-Columbia-Finn cross lambs were offered four alternative rations in the study: alfalfa-brome pasture, pure alfalfa pasture, alfalfa-brome pasture plus free choice grain, and pure alfalfa pasture plus free choice grain. The pelleted grain mixture was 60 percent corn, 25 percent oats, 13 percent beet pulp, and trace minerals. Lambs grazing without grain received trace minerals free choice.

Average daily gains varied from a low of 0.21 pound on alfalfa-brome without grain to 0.51 pound both on rations of alfalfa-brome with grain and alfalfa with grain.

When forage was the only source of energy, average daily gains of lambs were significantly greater on alfalfa (0.33 pound) than on alfalfa-brome (0.22 pound) during 1979. Lamb gains declined, Marten says, when grass became more than half (58 percent) of the total available forage. In 1977 the alfalfa-brome pastures were mostly alfalfa and in 1978 more than half alfalfa.

When grass makes up more than half of the forage, intake of forage by lambs reaches its lowest rate. And, from a cost-benefit standpoint, it is then, Marten says, that feeding grain concentrates provides the greatest benefit.

"That doesn't mean that we didn't get a good cost-benefit by feeding grain with alfalfa alone. We did. It does mean that when grain is not fed, the best economic response occurs when you have a high-quality forage like alfalfa," he explains.

Marten explains further that because grass contains more fibrous cell walls than does alfalfa, grass moves more slowly through the digestive tract. This means that less grass forage can be consumed, fewer nutrients are made available for growth over a period of time, and lambs reach market weights at older ages than those fed alfalfa. Grain-fed animals consume more nutrients than those fed only pasture forages, and these animals reach market weight soonest.

As a result, he says, "Meat from these younger animals is more tender and more marbled with fat than is meat from forage-fattened animals. In Australia and New Zealand, lamb producers simply market forage-fed lambs at a young age," Marten says, "and the meat has nationwide acceptance. We hope this degree of acceptance can be achieved in the United States."

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Helms calls European subsidies "intolerable"

ZURICH, Switzerland — U.S. Senator Jesse Helms addressing the Swiss-American Chamber of Commerce said European Economic Community agricultural export subsidies are viewed by Americans as "intolerable." He warned of an increasing consensus in the U.S. Congress and agricultural sector that continuing predatory practices by the EC will put increasing pressures upon the Atlantic alliance.

Helms is part of the official U.S. delegation to the Ministerial meeting of the General Agreement on Tariffs and Trade.

Helms, chairman of the Senate Committee on Agriculture, Nutrition, and Forestry and the second-ranking member on the Senate Foreign Relations Committee, warned of a "frustration which is growing in intensity in the U.S. agricultural industry that the EEC agricultural export subsidies have become destructive to world trading interests."

"My reading of the situation is that many in the U.S. Congress will regard the failure of the GATT to make substantial progress in resolving the predatory use of agricultural export subsidies as sufficient grounds for taking unilateral actions outside the multilateral process," said Helms, last Wednesday.

Global good weather has caused an oversupply of crops leading to large surpluses. In the face of such a glut, the U.S. government has sought to decrease government intervention in the marketplace. Such action has been coupled with efforts to reduce production through paid diversion and acreage reduction programs.

At the same time, the EC has "continued a policy of high prices and variable levies that have discouraged imports, dampened internal consumption, and insulated member countries from adjustment to the international market," charged Helms. The result has been severely depressed international prices and a loss of income to U.S. farmers.

"These lowered world prices are not the result of basic economic forces — the fundamental laws of supply and demand — but of deliberate government policies and artificial interventions."

Helms warned that the U.S. Congress is ready to spend greater amounts of money to "fight fire with fire." He pointed out that Congress, in an amendment authored by Helms, mandated the expenditure of $190 million to counter foreign export subsidies. On Oct. 20, the Secretary of Agriculture announced a three-year, $1.5 Billion blended credit program which used $100 million of the Helms amendment money. The blended credit program is a modest use of the money, according to Helms, and the remaining $90 million could be used more aggressively, perhaps for direct credit buydowns.

He further pointed out that the U.S. has immense volumes of milk products in storage. If all of it were moved onto the world market, it would be the equivalent of $1.3 billion in export subsidies.

Helms also warned that continued predatory trade practices would "exacerbate the already increasing debate about the incredibly huge U.S. defense outlays allocated for meeting our European defense commitments.

"So, I urge the EEC to return to the fundamental principles of fair and open trade that form the very foundations of the Atlantic alliance. My message to you is that it will be disaster for everyone if we fail in that task," said Helms.

The General Agreement on Tariffs and Trade is an agreement by 87 countries to follow certain rules in the conduct of international trade. Among its general goals are non-discrimination among signatory countries, use of non-tariff trade barriers only in exceptional circumstances, reciprocal reduction of tariff protection and the avoidance of subsidies. Procedures for review of GATT rules or for settlement of disputes are administered through a Secretariat in Geneva.

GATT was formed in 1948. Day to day business is carried out by member delegations in Geneva. This is the seventh Ministerial, or cabinet level meeting, since the inception of GATT. The last one was held in 1973. This year's Ministerial meeting was called in an effort to resolve the increasing amount of trade restrictions and government intervention in export markets.

Other points made by Senator Helms:

- U.S. farmers have demonstrated their willingness to take responsible and effective steps to resolve the problem of over-supply by reducing acreage for the 1982 crops. Forty-eight percent of the wheat acres and 28 percent of the corn acres in the U.S. were in compliance with the government's acreage reduction program.
- U.S. officials were disappointed by the increase in EEC support prices in the Spring of 1981. The U.S. was led to believe that the EEC leaders were going to commit themselves to adjust support levels to world prices. Instead, the EEC intervention and target prices were increased between 6 to 9 percent, inducing even greater production from European farmers. Europeans have not taken steps to curtail production.
- Acceptance by the U.S. of the current situation would signal that it was willing to shrink its agricultural base permanently. Such a result is clearly against U.S. economic interests, since agricultural and related industries account for approximately 20 percent of the U.S. Gross National Product. With more then 15 million people working in the agricultural industry, it is America's largest employer.
- While it is true that these complaints by the U.S. have been brought to the Europeans attention previously, the continuing and increasingly pernicious application of such export subsidies demonstrates that no one on the European side of the Atlantic seems to be taking these complaints seriously. However, the fact that virtually each of the 100 U.S. Senators has an important agricultural constituency demonstrates the potential for serious unilateral actions to protect U.S. interests.

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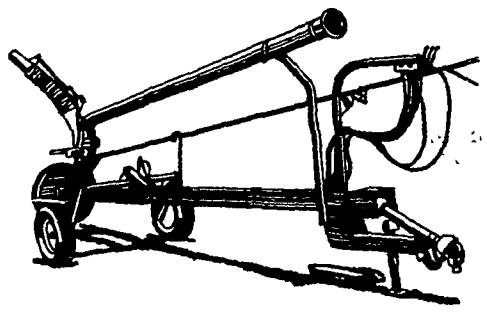

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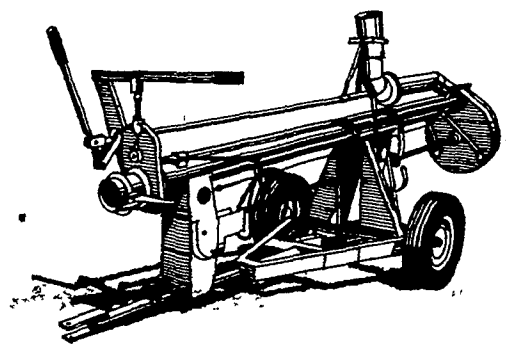

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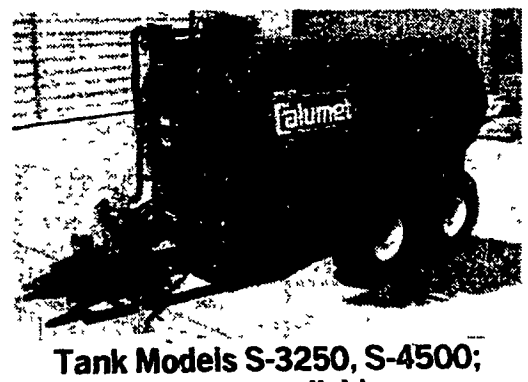

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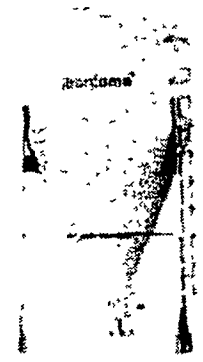

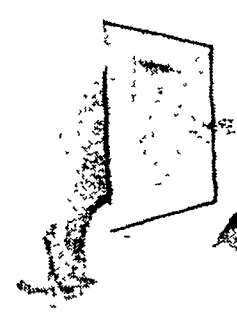

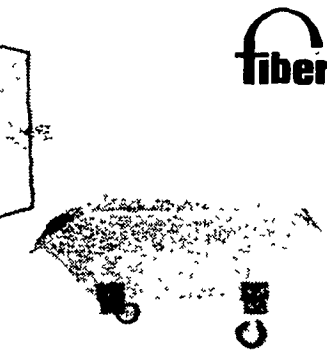

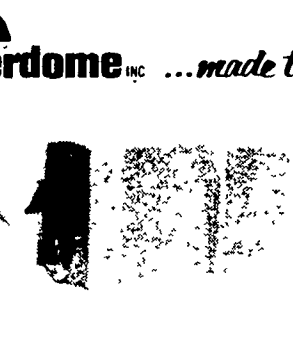

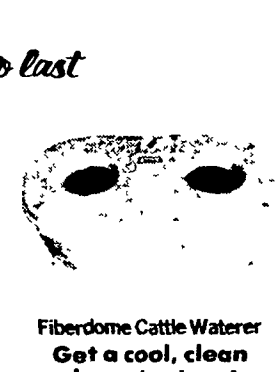

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U. of Del. acknowledges Grange gifts

NEWARK, Del. — Officials of the University of Delaware and Delaware State Grange toured the College of Agricultural Sciences' soil test facilities recently during a ceremony to recognize recent Grange contributions—including a $5,000 gift which has made it possible to upgrade the college's soil test reporting system.

During the visit, current Grange Master Wills Passmore and former master Claude Hoffman inspected the new soils test laboratory in Worrilow Hall. A plaque commemorates their organization's gift. Representing the University were President E. Arthur Trabant, ag college dean Donald F. Crossan, associate dean William J. Benton and Extension director Samuel M. Gwinn.

Crossan said the Grange donation has made it possible to completely revise the college's soil testing computer program, adding a terminal and printer for exclusive use in reporting test results. Upgrading the program required the full-time services of a computer programmer who worked closely with soil and crop scientists for six months.

Results of this effort will be updated fertilizer and liming recommendations correlated to various crop sequence possibilities and stated in language easier for users to understand. The new reporting system is now being field-tested and will go into effect in January 1983.

The University of Delaware soil testing laboratory routinely handles about 7,000 soil samples a year—5,000 from farmers and 2,000 from homeowners. An additional 2,000 samples a year come from Agricultural Experiment Station research projects and Cooperative Extension Service demonstrations, along with samples from the college's teaching program.

"The Grange gift will result in greater precision and efficiency in carrying out this important function," Crossan said.

In acknowledging the Grange's generosity, Crossan noted that the farmer organization has long supported agricultural programs at the university. It was instrumental in establishing the Delaware Agricultural Experiment in 1888. Before the college acquired its own experimental farm in 1908, scientists used Grangers' farms for field trials and large-scale crop experiments.

The Grange also supported the establishment of the Delaware Cooperative Extension Service a few years later and pushed for state appropriations to help pay Delaware's first county agents. Since then, it has consistently supported the college's educational and research efforts.

During the 1970s, Grange members actively supported legislation which funded the construction of the college's new research/teaching facility, Worrilow Hall. They also voted to contribute $5,000 toward the long-awaited building. College administrators decided to use this money for the soil test laboratory.

In addition to this support, the Grange recently contributed $2,800 toward the publication of an extension bulletin now being prepared on the use of planter fertilizer in the production of field corn.

For the past four years, the Grange has also contributed $400 a year to send a deserving 4-H member to the National 4-H Club congress in Chicago. For many years it has annually given two $500 scholarships, one in agriculture and the other in home economics.

Former Delaware Grange Master Claude Hoffman, left, current Master Willis Passmore and University of Delaware president E. Arthur Trabant look over computer-produced soil test report which the university lab will use after Jan. 1. A grange gift helped upgrade present system.

CHEESE

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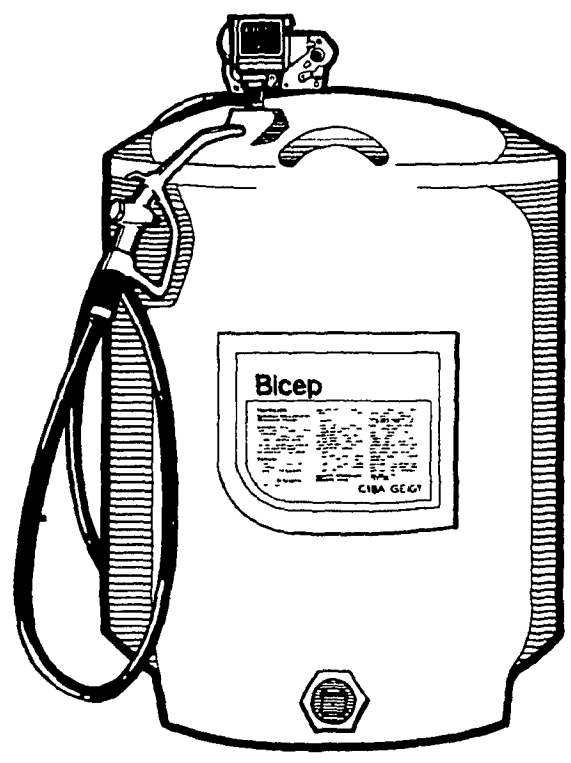

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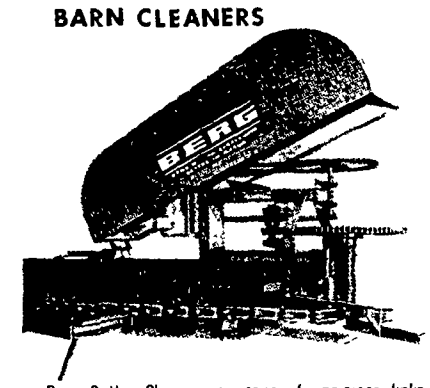

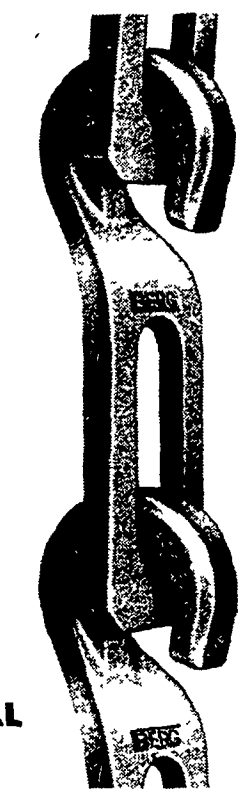

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Iowa producer develops swine "i.d." idea

By Darryl Jahn

DES MOINES, Ia. — Sleepless nights aren't always productive but such a night may be proven productive by W. R. Rasty of Lohrville, Iowa.

Scott Rasty quickly identifies a pig at the same time he clips teeth and gives shots. The identification procedure takes an estimated 10 seconds. (Photos by Darryl Jahn)

It was when he couldn't get to sleep one night that the Calhoun county pork producer came up with an idea for identifying pigs that may have the capability of staying with the hog through slaughter.

The identification is a simple tattoo placed in the ears of young pigs.

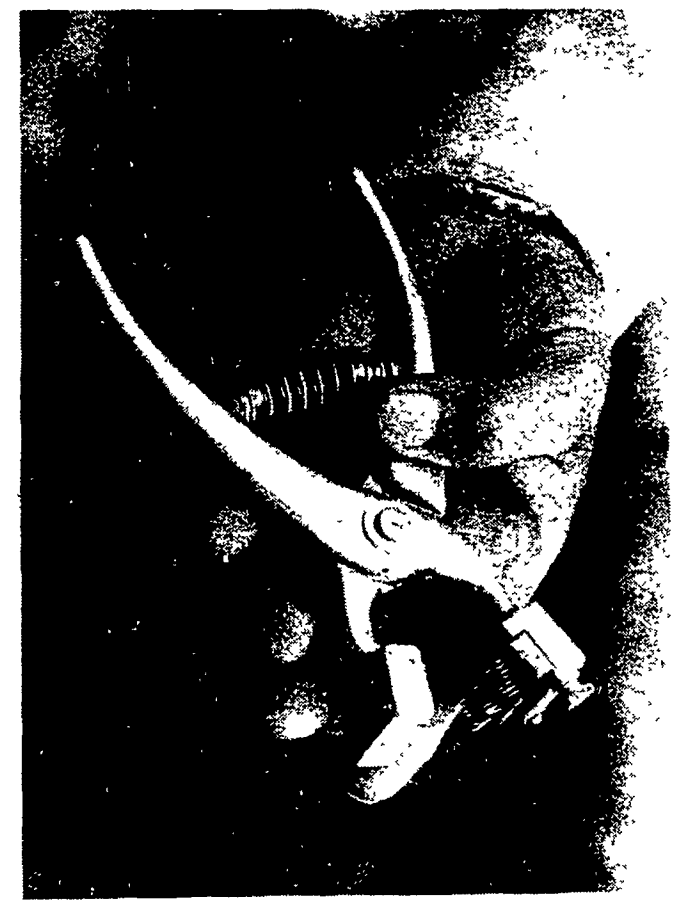
The result is similar to the slap tattoo used several years ago on hogs. That system was rendered useless for identification when slaughter procedures changed to skinning.

Rasty now has 70-pound pigs with the identifying mark which can be seen as the animal is viewed from an alley, especially in the light colored hogs. It's also identifiable in the hogs with darker skin but not as easily.

There has been no infection or tissue buildup in the several hundred hogs that have been identified.

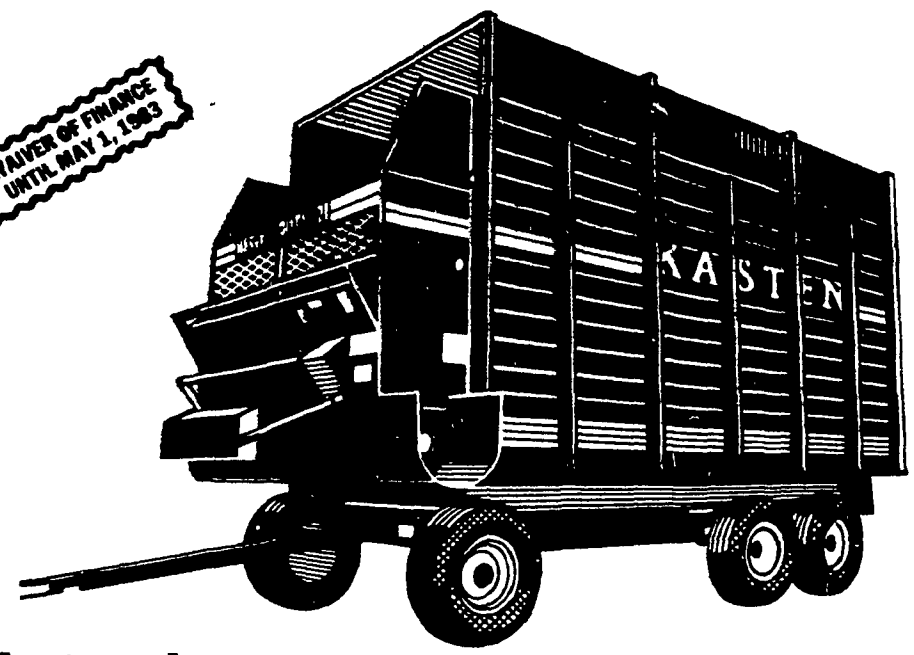
Rasty is a promoter of crime prevention and is president of the Calhoun County Crime Coalition. He was thinking of a means of identifying his hogs to prevent theft when he came upon his idea. It was later that the possibility of using the same procedure for identification for disease control entered in. State and federal veterinarians are viewing the project with interest.

(Turn to Page D22)



The tattoo iron is a simple pliers-like instrument. The Sharp points forming Rasty's identification can be seen to the left. A simple turn of the screw at the top releases the individual letters or numbers for change if needed.

HEAVY HAULER



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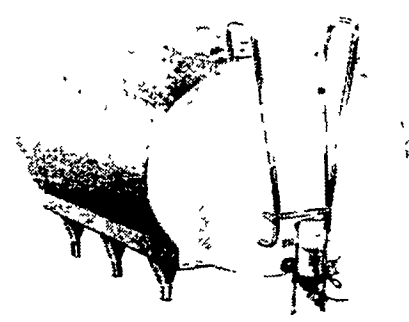

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Iowa producer

(Continued from Page D21)

Once his idea was firmly in mind, Rasty relayed it to Stone's Manufacturing in Kansas City for development. The tattoo iron is pliers-like and easily held in one hand. Letters or numerals made of many sharp steel points can be easily slid in and out of the face of the tool by loosening one screw.

The iron has a capacity of four digits. Rasty uses the letters IA and the symbol of a broken triangle, which is a brand he owns. The broken triangle takes up the space for two digits.

Rasty applies the tattoo in the ears of pigs at the same time teeth are clipped and shots are given. He estimates the identification procedure takes about 10 seconds per pig.

A small amount of green animal identification ink, also prepared by Stone's, is brushed on the ear with a toothbrush before the identification is clamped into the ear. Another small amount of paste is then brushed over the mark.

Dr. M. H. Lang, state veterinarian, said Rasty's system has some possibilities that need to be explored. "If we could proceed to a symbol that would identify to farm of origin like a brand on cattle, and if it would stay through the slaughter process, certainly it would have some merit for disease control purposes," Lang commented.

W. R. Rasty

Whether the identification mark will hold up through slaughter will not be known for several months but Rasty is sure of one thing — he's accomplished his objective of identifying his pigs into the feeder pig stage when they're most vulnerable to theft, and knows he has positive identification of his hogs if the need arises.

Reprinted with permission from Iowa Farm Bureau Spokesman Oct. 9, 1982

Import of Chinese swine semen allows breeding without disease risk

SOUTH ST. PAUL, Mn. — A proposal has been made to APHIS to import swine semen from China in an attempt to inject some of the prolificacy of Chinese hog breeds into U.S. swine. APHIS is considering the proposal and especially the disease hazards involved and the safeguards which would be necessary, reports the Livestock Conservation Institute.

Testing in China both by the Chinese and by U.S. veterinarians would, of course, be part of the procedure, along with use of the semen in a quarantine station in this country and testing of the offspring. Exposure of those offspring to other U.S. pigs might also be part of the procedure.

"One of the problems is the potential that Chinese pigs have diseases which we don't even know about and therefore can't test for. There are presently no such quarantine stations for swine in the U.S. Plum Island has been mentioned as one possibility, along with the cattle import quarantine station in Florida," says an LCI spokesman.

A U.S. team composed of Roger Gerrits of USDA, Al Leman of the University of Minnesota and T. D. Tanksley, Jr., of Texas A&M worked out an agreement with the Chinese during a recent trip to that country. The agreement is subject to final approval by both countries. The study team recommended importation of semen of the Meishan breed.

Data on that breed provided to the study group indicates an average of 12-14 pigs born alive, with a birth weight from 1.8 to 2 pounds and an average of 11-13 pigs weaned. Most startling of the information on the Chinese breeds is the age at puberty, reported to be 60 to 75 days of age for the Meishan breed. Leman reported that he saw gilts that age, weighing around 75 pounds, in heat.

The team reported that a breed developed from a cross of a Chinese breed with Yorkshire and Large White breeding is highly prolific, indicating that the fertility of the Chinese breeds can be maintained in synthetic breeds. In that breed the Chinese breed represented only about a fourth of the synthetic line. In other crosses of the Chinese with American and European bloodlines, the large litters and good underlines of the Chinese breeds were evident, the study team members said.

Swine health topic at Northumberland

SUNBURY — Penn State Extension will feature an all-day Swine Health Program on Wednesday, Dec. 8 at Farmers Best Restaurant, East Lewisburg to update swine producers on disease prevention. Special emphasis will be placed on the breeding herd, according to Leonard G. Yearick, Northumberland County Extension director in charge of the program.

This swine health management meeting will cover health problems especially in the sow herds and newborn pigs in the gestation and farrowing house environment.

Matthew Parsons, Penn State Extension animal scientist, will speak at 10 a.m. on "Gestation, Lactation, Nutrition and Management in the Sow Herd."

At 11 a.m., Dr. Lawrence Hutchinson, VMD, Extension veterinarian, will speak on "Preventing Diseases in the Farrowing House.

At 1 p.m., Parsons will speak on "Improving Sow Productivity." And at 1:45 p.m. Vernon Brose, Northumberland County agent will talk on "Analysis of a Market Hog Enterprise Using a Mini-Computer."

The final speaker will be Dr. Max Van Buskirk, Jr. VMD, in charge of the Pennsylvania Bureau of Animal Industry

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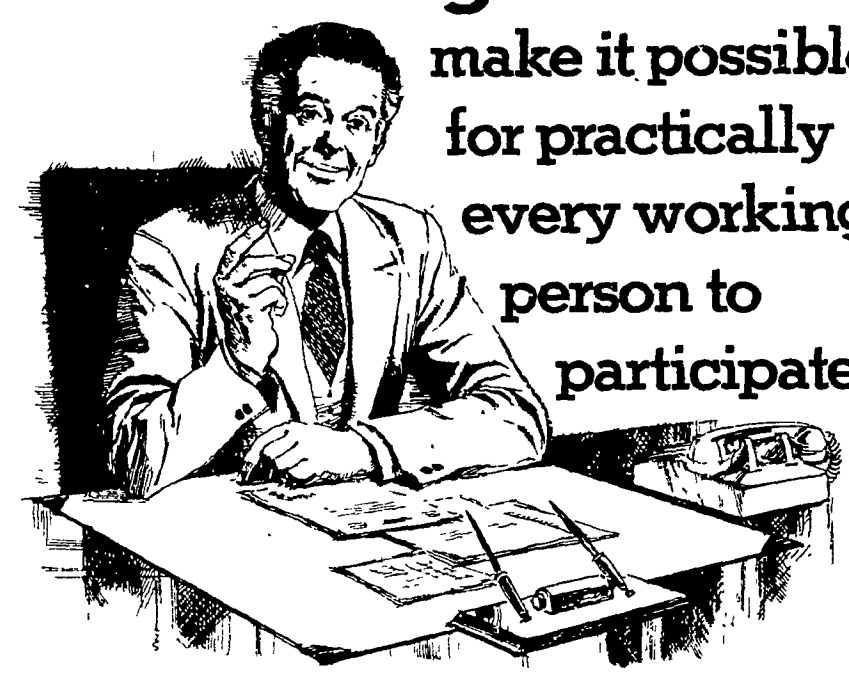

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Sheep producers set goals

DENVER, Colo. — Participants in the National Wool and Pelt Symposium set goals and action plans in an effort to improve the price paid to producers for American wool and pelt products. The 3-day meeting, sponsored by the American Sheep Producers Council, Inc. and the Sheep Industry Development, Inc., drew participants from throughout the wool and pelt marketing chain, Extension specialists and sheep scientists.

Events coordinator George Ahlschwede described the meeting as the first time people involved in the raising, preparing and marketing of wool and pelts have frankly described their problems and then sat down together to outline some solutions.

The pelt action program includes development of a market information program and elimination of pelt defects. Workshop participants recommend development of a certification program and incentive payment schedule to identify and reward producers with quality pelts. It was further recommended that localized programs outlining ways to improve pelt quality be developed by extension services, coordinated by ASPC/SID. The need for more research on effective and efficient ways to combat tick, seed and ked problems was identified.

The wool action program represents a series of long and short term goals striving to upgrade the quality of the American wool clip. Participants outlined the need for an incentive and certification program as in the pelt program. Programs need to be developed, and research conducted, to standardize wool harvesting systems and provide an integrated marketing approach, to upgrade the quality and workmanship of professional shearing crews through shearer education, and to formulate an electronic marketing system for wool.

Import problems, particularly the dumping of poor quality wool products, need to be monitored and addressed. basic and applied research programs and commercial laboratories to conduct micron testing and investigate improved packaging techniques need to be utilized.

Proceedings from the Wool and Pelt Symposium will be available from SID. For information, write SID, 200 Clayton Street, Denver, CO 80206

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What happens when venison is processed?

LANCASTER — Once you've got your deer, are you really sure you want to do the processing yourself? asks A. Joan Lamberson, Extension home economist.

According to James Watkins, plant manager of Penn State's University Meats Laboratory, not every hunter has the equipment to process a deer at home. Many send their deer to the local meat packer. In fact, some packers located in an area of high deer harvests will process well over 500 deer a season!

If you've decided to have your deer processed for you, here are some points about costs and scheduling to keep in mind.

— Generally, packers will skin a deer in return for the hide. If the owner prefers to keep the deer hide, the packer will probably charge a flat fee per head, usually based on the value of the hide.

— The charge for cutting and freezer wrapping a carcass usually ranges between $15 and $25 per deer. Many packers are now promoting venison bologna which gives them an outlet for beef and pork trimmings. The owner of the deer pays an extra fee for the added trimmings plus so much a pound for stuffing and smoking — but the product can be delicious!

— Venison, like other non-inspected meat, is handled in a special way in accordance with USDA inspection regulations. Your meat packer will process deer separately so that your venison is protected from contamination from other products.

— Deer processing usually puts added pressure on small meat packing operations, especially during the height of the hunting season. However, you probably won't have to wait long because much of the venison processing is done after normal working hours, often with the help of extra local, part-time help.

— Before you go hunting for your deer, you might contact your local meat packer and find out about costs and scheduling. While this may not be a necessity, if the operation is small, it is a courtesy.

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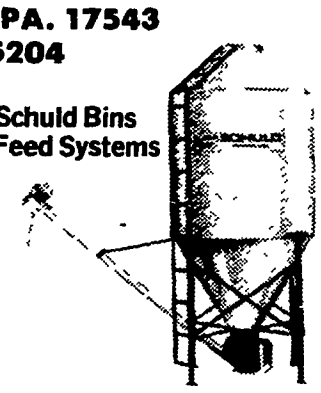
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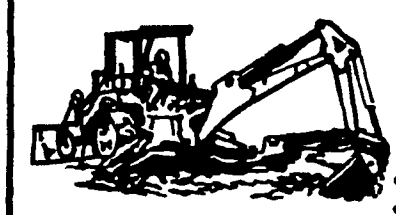
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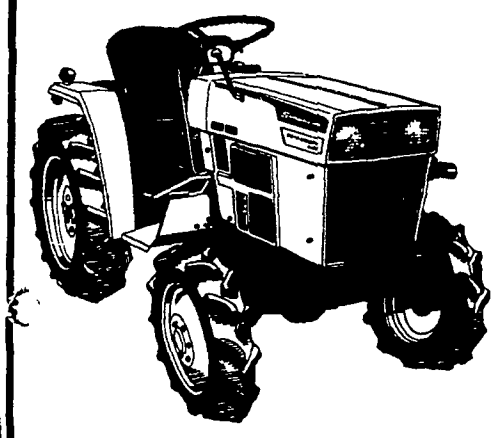
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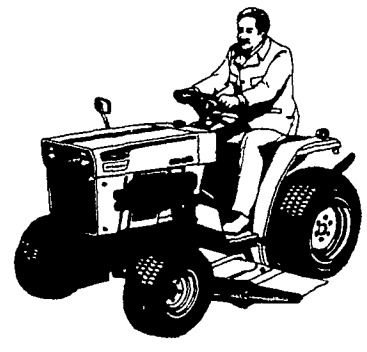
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DEER TAGGING

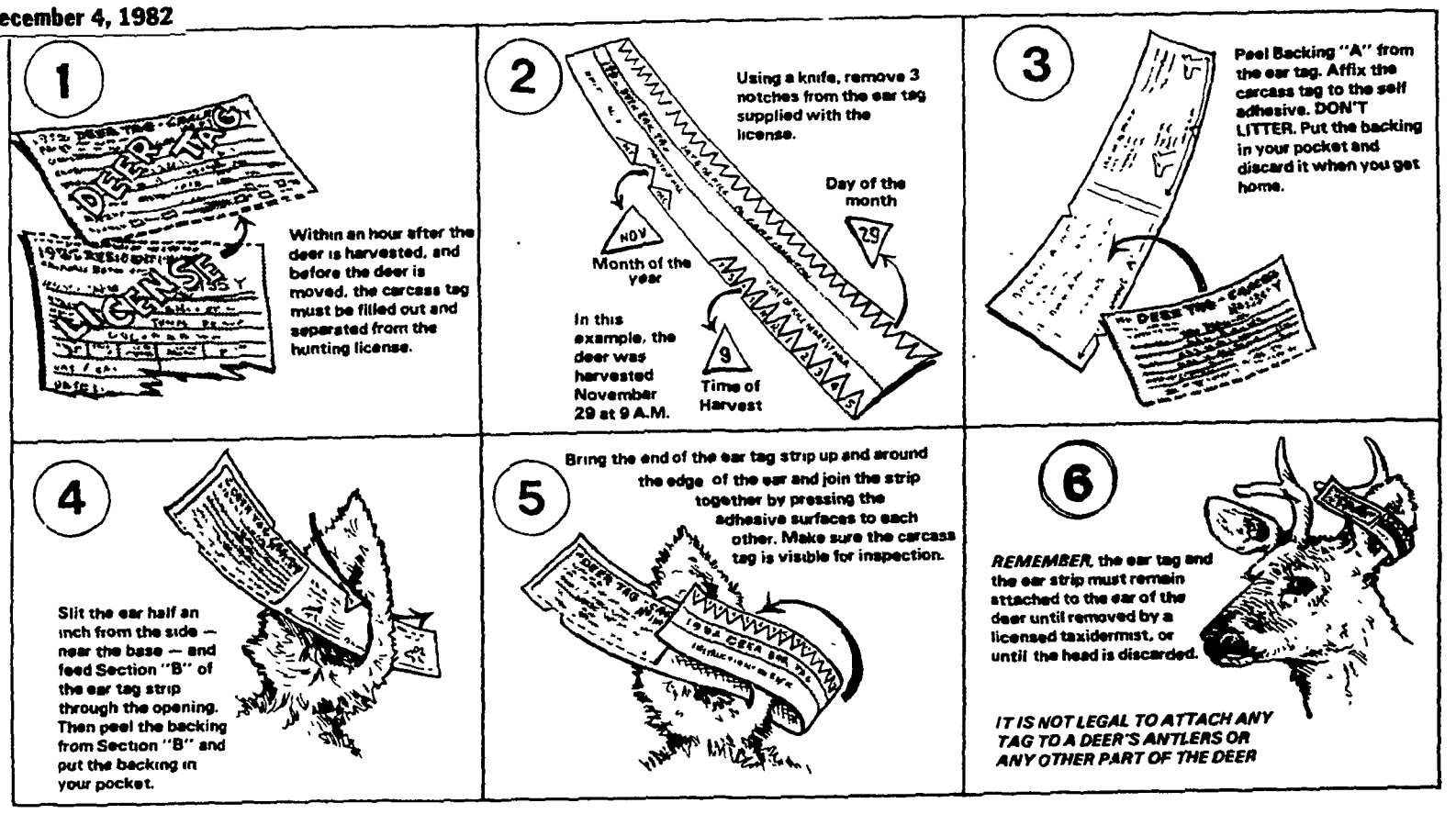
HARRISBURG — Successful deer hunters are reminded their deer kill report cards must be mailed to the Game Commission at Harrisburg within five days after harvesting a whitetail.

Failure to file the report is a violation of the Game Law. Those filing a report must furnish all information outlined on the card.

Although the report card is not part of the hunting license, it does have a number on it corresponding to the number on the hunting license.

The information on the cards is vital in determining whitetail populations in each county.

PENNSYLVANIA DEER TAGGING REGULATIONS


1
DEER TAG
LICENSE
Within an hour after the deer is harvested, and before the deer is moved, the carcass tag must be filled out and separated from the hunting license.
2
Using a knife, remove 3 notches from the ear tag supplied with the license.
Day of the month
29
NOV
Month of the year
In this example, the deer was harvested November 29 at 9 A.M.
9
Time of Harvest
3
Peel Backing "A" from the ear tag. Affix the carcass tag to the self adhesive. DON'T LITTER. Put the backing in your pocket and discard it when you get home.
4
Slit the ear half an inch from the side — near the base — and feed Section "B" of the ear tag strip through the opening. Then peel the backing from Section "B" and put the backing in your pocket.
5
Bring the end of the ear tag strip up and around the edge of the ear and join the strip together by pressing the adhesive surfaces to each other. Make sure the carcass tag is visible for inspection.
6
REMEMBER, the ear tag and the ear strip must remain attached to the ear of the deer until removed by a licensed taxidermist, or until the head is discarded.
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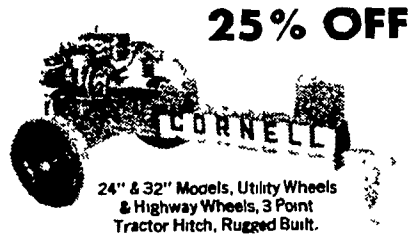

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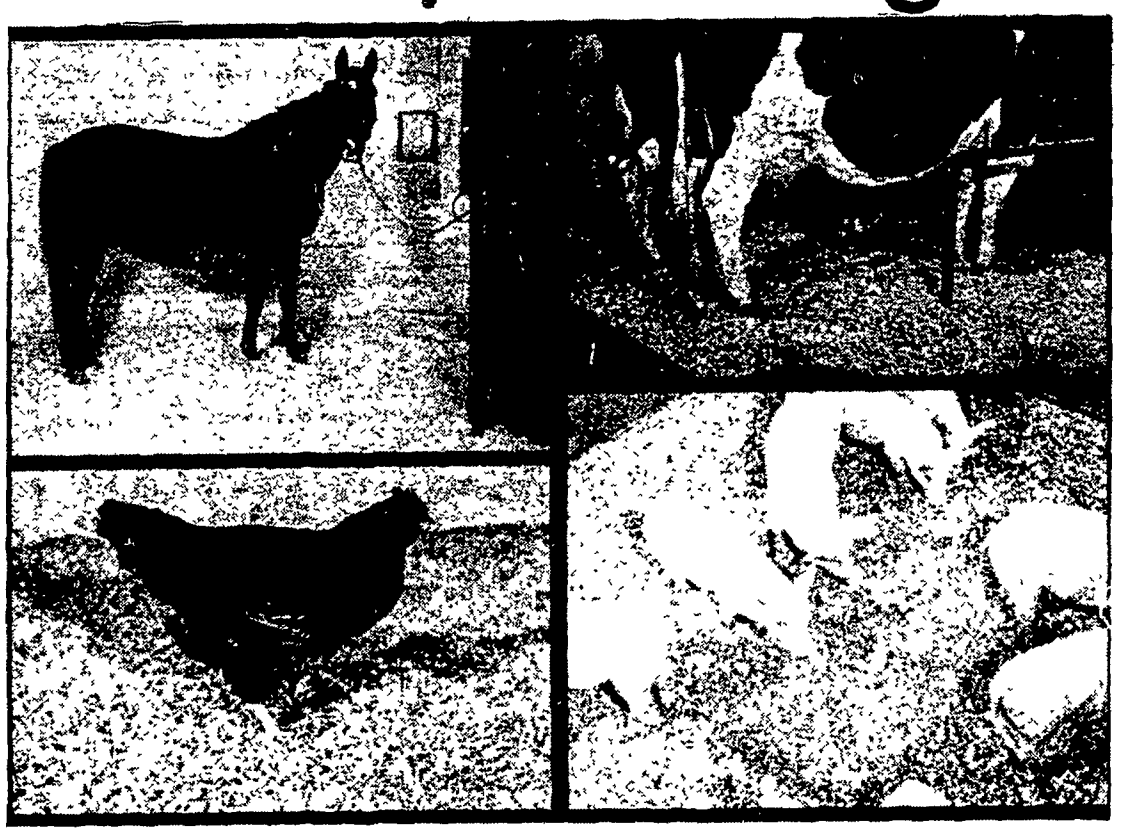

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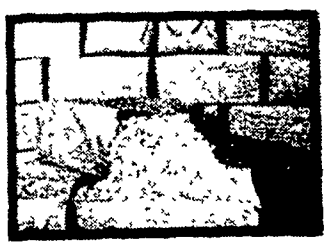


SPECIES: Southern Pine
PARTICLE SIZE: 3/16" - 1⅔", Majority 1"
SAWDUST: None
DUST: None.
BALE SIZE: 12½ x 18 x 30" 3.9 cu. ft.
WEIGHT: Approx. 45 lb.
PACKAGED: 2 ply Multi-Wall Kraft Bag
COVERAGE: 125 sq. ft. 1" deep
TRAILER LOADS: Approx. 700 Bales

Processed and Packaged by:

EASTERN WOOD FIBERS, INC.
8245 Dorsey Run Rd., Jessup, MD 20794
(301) 498-6100
DEALER INQUIRIES INVITED.

Ask The Man Who Wears Them

If fitting's your concern, see us!!

POPULAR PECOS PULL-ON

The Pecos 1155 is, by far, our best-selling boot For the heel-hugging fit of your life, slip on a pair of Pecos boots We've got your size!

1155

SIZES

AAA	AA	A	B	C	D	E	EE	EEE
10-14	9 15	8 15	7 16	7 14	5 16	6 15	6 14	7 14

If you are...

AN ASSESSOR, BARBER COOK, DENTIST ELECTRICIAN, FIREMAN GOLDSMITH, HAIR STYLIST INSURANCE MAN, JANITOR KUMQUAT PICKER, LAWYER MECHANIC, NUMISMATIST OMBUDSMAN, POSTMAN QUARRY WORKER, ROUST A BOUT SALESMAN, TEACHER UNDERCOVER AGENT VALET WAREHOUSEMAN, XYLOPHONIST YARDMAN ZOO KEEPER ARTIST, BAKER C P A Etc

You've earned your Wings!

CUSHION CREPE SOLE FOR COMFORT AVAILABLE IN 130 SIZES & WIDTHS

SIZES

AAA	AA	A	B	C	D	E	EE	EEEE
9½ 15	8 15	7½ 16	7½ 16	6½ 15	5 16	6 15	6 14	5½ 14

RED WING SHOES

WE VE GOT YOUR SIZE IN STOCK NOW NO WAITING!

Red Wings

master charge VISA

WAYNE'S DRY GOODS

HOURS Daily 8 30 A M to 6 00 P M Friday till 9 00 P M

271 W. MAIN STREET - KUTZTOWN, PA. - PHONE 215-683-7686

Farmland Preservation ~ It's worth it

Narvon, Lancaster County

NAILE tags Shorthorn champs

OMAHA, Neb. — Grand Champion Shorthorn bull at the 1982 North American International Livestock Show at Louisville, Kentucky, was Honey Dew Big Red, a two-year-old son of WO Divident 3J.

This bull has been a consistent winner at summer shows and most recently was named Grand Champion bull of the American Royal, Kansas City, Mo. He also was the Senior Champion bull and is owned and exhibited by Jerry Taylor and Family, Prairie City, Il., and Martin Bros., Hardyville, Ky.

Reserve Grand Champion bull was GM Irish Special, a big, red two-year-old son of Lazy D. Irish Jack. He is owned and shown by Sutherland Farms, Prospect, Ky., and Hagerlan Farms, Hodgenville, Ky. He also was the Reserve Senior Champion bull.

In the female show, Mill Brook Hope 81 was named Grand Champion and Junior Champion female. This late spring yearling is a daughter of Deerpark Improver 2 and was shown by Mill Brook Shorthorns, Rob Johnson, Fredericktown, Oh. She had previously won the Shorthorn female show at the American Royal.

Reserve Grand Champion female was SS Idle Ruth B481, a daughter of Lancer. She was also the Calf Champion female and is owned by Sherer's Shorthorns, Fowler, In.

Other champions included: Junior Champion bull - The R. Lee Johnsons, Mill Brook Shorthorns, on Mill Brook Printer 105x; Reserve Junior Champion bull - Rex Tribbett, Linden, In., on Rexlaine Irish Progressor; Calf Champion bull - Douglas Gellerman, Petersburg, Il., on D G Dutch Dividend; Reserve Calf Champion bull - Wayne Temple, La Salle, Il., on CSF Valentino; Reserve Junior Champion female - Sarah Schilling, Lake Fork, Il., on Mill Brook Miss Ellie; Reserve Calf Champion Female - Joshua Brautigam, Sidney, Oh, and Rudolph Griess, Aurora, Ne., on La Plata DL Flossie.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

DECEMBER

SAT DEC. 4 - 12:30 P.M. Public Sale of Cattle. Located at Livestock Pavilion, Cornell University, Ithaca, NY. Fall Harvest Sale New York Hereford Assoc. and New York Polled Hereford Assoc.

SAT. DEC. 4 - 9:30 A.M. Public Sale of Antiques, Household Goods, Tools, Coins and Car. Located along Hahnstown Rd. between Bergstrasse School and Reamstown, East Cocalico Twp., PA. Raymond S. Fox, Owner. T Glenn and Timothy G Horst, Auctioneer

SAT. DEC. 4 - 9 A.M. 5th Annual Year-end Auction by Farmersville Equipment Inc. Located in Farmersville, PA John E. and Paul E. Martin, Auctioneers

SAT. DEC. 4 - 9 A.M Public Sale of Real Estate, Personal Property, Tractors, Implements, Cars and Antiques. Located West Main St., turn at Rutters Farm Store, go south to 18 S Camp St. Mrs Emma C Miller, Owner. Chas W R. Arvin and Blaine N Rentzel, Auctioneers

SAT DEC 4 - 11 A.M. Public Sale of Cattle. Located on Rt 671 in Louden County, VA, 4 mi. north of Rt 9, 10 mi. north of Purcellville, 4 mi. south of US 340 and 7 mi south of Harpers Ferry, WV Floyd A. Averhart. Owner. Remsburg Sale Service, Auctioneers

SAT DEC 4 - 9 30 A M. Public Sale of Farms, Tractors, Farm Machinery, Trucks and Misc. Located approx 3½ mi. Southwest of Edinburg, VA in the Wakeman's Grove Section on Road 682. From Edinburg take Rt. 675 West off U.S. 11 (I-81, exit 71) to first crossroads (intersection of Rt. 675 and Road 682,) turn left on Road 682. Mr. and Mrs. Frank Z. Wilkins, Owners. Burdette Foltz, Auctioneer.

SAT. DEC. 4 - 1:30 P.M. Public Sale of Real Estate. Located in Penn Twp., York Co., PA, 1 mi. south of Hanover, PA at the intersection of Baltimore St., Rt. 94 south and Grandview Rd. Estate of Mary E. Miller, R.E. Kehr, Auctioneer.

SAT. DEC. 4 - 9.30 A.M. Public Sale of Retail Store, Apartment and Personal Property. Located at 660 E. Main St., Rt. 25, Hegins, PA. Masser's Store, Owner. George and Mike Deibert, Auctioneers.

SAT. DEC. 4 - 10 A.M. Public Sale of Antiques, Furniture, Glassware, China and Guns. Located in Millersville Fire Hall, 25 E. Charlotte St., Millersville, PA. Howard Shaub and Roy C. Probst, Auctioneers

SAT. DEC. 4 - Public Sale of Line Equipment and Trucks Located in Glen Burnie, MD. Vilsmeier Auction Co, Inc.

MON DEC. 6 - 12 Noon Public Sale of Ayrshire Herd Located at Narvon, R.D. 2, Robert Campbell, Owner, Milt Brubaker, Sales Manager

TUES. DEC. 7 - 5.30 P M. Farmersville, Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, PA. John J Rutt, Auctioneers

TUES DEC. 7 - 7 P.M. Public Sale of Restaurant Business Equipment and Inventory. Located along Rt. 272 in Garden Spot Shopping Plaza across from Wickes, between Ephrata and Reamstown, Ephrata Twp., PA The Family Kitchen, Owner. T Glenn and Timothy G Horst, Auctioneer.

TUES DEC. 7 - 1 P.M. Holstein Dairy Cattle Day Sale to be held at Smoketown Quality Dairy Sales Co., Rt. 340, 5 miles E. of Lancaster, 5 miles W. of Intercourse. Sale by Smoketown Quality Dairy Sales Co., Gordon and Helen Fritz, manager; Carl Diller and Paul Snyder, Auctioneers.

THURS. DEC. 9 - 11 A.M. Public Sale of Equipment. Located 2 mi. south of Williamsport on Rt. 15. J.T. Kellner, Inc., owners. Dick Crittenden Auction Co.

THURS. DEC 9 - 11 A.M. Public Sale of Cattle. Located at the Guernsey Sale Pavilion, 6 mi. east of Lancaster, PA. Golden Harvest Sale and the 323rd Garden Spot Sale. Backus Associates, Inc.

FRI. DEC. 10 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. DEC. 10 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. DEC. 10 - 10 A.M. Public Sale of Pickups, Cars and Office Equipment. Located on Neversink St. in Reading, PA. N.H. Garman and Bro., Inc., Owner. Vilsmeier Auction Co

FRI. DEC. 10 - Public Sale of Const Equipment, Trucks and Trailers. Located in Reading, PA Vilsmeier Auction Co., Inc

FRI. DEC. 10 and FRI. DEC 17 - 10 A.M. Public Sale of Valuable Antiques and Household Goods. Located along Rt. 372, midway between Quarryville and the Buck or 13 miles south of Lancaster off Route 272 at the Buck, turn east on Route 372 about 2½ miles. John W. Lewis, Jr., Owner. Lloyd H. Kreider, Randal V. Kline and Gary L. Shirk, Auctioneers.

FRI. DEC. 10 - 10 A.M. Public Sale of Cattle, Machinery, Shop Equipment, Antiques, Horses and Horse Equipment. Located at Rock Stream, NY, Yates Co., 8 mi. north of Watkins Glen, NY, 6 mi. southeast of Dundee, NY, 30 mi. south of Geneva, NY 2 mi. west of Rt. 14. Stephen M. and Stevie L. Stoltzfus, Owners. D.O. Rockwell and Assoc., Auctioneers

SAT. DEC. 11 - 1 P.M Public Sale of Swine. Located at the Auglaize Co. Fairgrounds, Wapakoneta, OH. Larry Leffel. 419-753-2281

SAT. DEC. 11 - 1 P.M. Public Sale of Farm. Located in Swatara and Bethel Twps., 1½ mi. west of Fredericksburg, PA, Lebanon Co., along the Lickdale to Fredericksburg Rd, from the square in Fredericksburg, follow the Main St west past C.F. Manbeck Poultry Plant, proceed approx. 1 mi. and crossover Int. 78 Bridge, continue to farm auction sign to your right, from Lebanon proceed north along Rt. 72, approx. 10 mi. to Lickdale intersection, turn right at C.P. Long Sunoco Station and go approx. 4 mi. to farm on your left. Katie Loverich Estate. Roger L. Myers, Auctioneer.

SAT. DEC. 11 - 2 P.M. Public Sale of Real Estate. Located 9 mi. north of Raystown Lake. Hess Bros. Farms, Inc., Owners. Randal Kline, Lloyd Kreider and Roy Good, Jr., Auctioneers.

GOLDEN HARVEST SALE
AND THE
323rd GARDEN SPOT SALE

THURSDAY, DECEMBER 9
11:00 A.M.

At the Guernsey Sale Pavilion, six miles East of Lancaster, Pa.

140 REGISTERED HOLSTEINS 140

50 Selected Holsteins Sell in the Golden Harvest

3 Excellent cows and 18 Very Goods sell including -
Excellent Elevation with 24,730M @ 5y
Excellent Conductor with 23,728M @ 3y
Excellent Commander with 22,766M @ 3y
Very Good-87 Conductor with 23,714M @ 3y
Very Good-87 Elevation with 25,790M @ 4y
Very Good-87 Rocket with 22,521M @ 5y
5th Generation VG Milestone with 16,638M @ 2y

Outstanding Heifers Sell including —
A Valiant sister to the famous $71,000 Carmel Ex-92 with 4 recs. over 1100F.
A Tradition from 3 generations of excellent dams
A Sexation from 2 generations of excellent dams
A Peter from an excellent Chief with 973F

Ten Top Service Bulls Sell
8 are from excellent dams, 2 from VG dams
Their dams are all over 20,000M and up to 34,000M.
All are by top sires
Featured are top consignments from good Penna. breeders such as Fountain Farm, Fultonway, Ray Getz, Thomas Kelly, Keystone, Kingway, and Spring Belle.
Plan to be with us on Dec. 9 for this Outstanding Annual Sale.

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, N.Y. 13114 (315-963-7231)

PUBLIC AUCTION
OF ANTIQUES, PERSONAL PROPERTY ETC.
SATURDAY, DECEMBER 18
At 9:30 A.M.

The undersigned power of attorney for Lloyd W. Fauth located: from Longstown Intersection take Rt. 124 East towards East Prospect, apx. 2-3 miles on rt. beside Locust Grove Elementary School sign posted. Will offer at Public Auction on the premises the following.

ANTIQUES

Secretary/Book Case Comb 68" high, Pine dry sink zinc A1, marble top stand, fancy 8 leg hexagon table, pine side board, oak dresser, oak kitchen clock, oak 5 leg table w/boards, 3 pine blanket chests, RARE F H Cowden Harrisburg, PA. pancake batter jug, quilts, pine wall cupboard, oak frame sofa & 2 chairs, 5 pc. bedroom suite, 6 painted plank bottom chairs, painted rocker, oak pressed back rocker and press back & plank bottom chairs, butter press, 3 butter churns, cherry drop leaf table, oak single bed, lg oak chamber chair, cherry dresser, beautiful oak trim lg picture frame, oak cloth tree, 10 candle mold, old crib and cradle, old babie doll and carriage, Borunswick Victoria, 1858 Dr Martin Luther German Bible, A. F Burg East Prospect plate, quilting frame, nice coffee ginder, cast iron bull dog, Accordian made in Germany, 4 string banjo, prize guitar, butter scales, Lelaual cream seperator, ukulele, Sellers oak kitchen cabinet, old childs sled, childs wagon w/side boards, 3 wash tubs, F H Cowden Harrisburg 3 gal jug, lots of crocks sausage stuffer, lard press, brass bucket and kettle, oak treadel sewing machine, cream pail, copper wash tub, smoking stand, old boxes, sad irons, old records, 1858 mason jars, granite coffee pot and granite items, 2 gallon Cowden & Wilcox Harrisburg, PA, 6 gallon crock Phaltzgraff York PA w/lid, butcher kettle, woven baskets, 5 kerosene lamps, wooden handled knives & forks dated 1879, shoe last, small kettle w/brass bottom small wooden measures, 2 complete sets of harness, old wooden wheel barrell, shovel plow, single trees, lg butcher bench, feed box, nice old wood box, lattern, 3 milk cans, 2 hole belt drive corn sheller, George Washington milk pitcher, apx 30 pcs of Blue Cambridge China made in England, salts, Leuchonburg hand painted china, Noritake dish, Cows pattern dish lots of real nice Depression glassware, several hand painted plates, Carnival glass, lots of glassware packed in boxes from 1940 If you buy nice glassware you don't want to miss this sale there is all kinds china and glassware, most with out any chips If you want to buy nice Antiques, please come early, dress warm and plan to stay all day If bad weather, we will be selling furniture out of barn & glassware etc out of house

PERSONAL PROPERTY, ETC.

Small 2 wheel trailer, Sparton power 2 H P 30 gallon sprayer (good), wood ladders, wheel barrell, Lawn Boy 21" R C A color TV, Ref, Frigidaire auto washer, 1 h chest freezer, bell ringer tools power, hand & garden, market scales, rugs, also lg tool shed to be sold must be removed And much more Please come to buy

TERMS Cash or Good Check - No Out of State Checks. Food Available. Not Responsible for Accidents

Bradley K Smith
Auctioneer
(717) 244-5324

Clip And Save This Ad

GLENN W. FAUTH
POWER OF ATTORNEY
HUGH D. MANIFOLD,
ATTORNEY

PUBLIC AUCTION
OF VEHICLES, EQUIPMENT & DEMS SALVAGE ITEMS
TUES., DEC. 14, 1982

Located along Stonetown Rd., just off Rt. 422, 1¾ mi. west of Baumstown (Rt 82) or 4½ mi. east of Reading, Exeter Tw., Berks Co.

73 Autocar twin screw tractor w/350 Cummins, 13 speed 38,000 rears; Insley ¾ yard backhoe on track, Cat engine; Huff 4WD Payloader w/371 GM diesel; Lorane 25 ton truck crane w/100' boom; Cummins power unit; Joy 600 compressor w/671 GM diesel; 3-5 ton Huber roller; 2 1953 Chevs; IR compressor-parts; Dorsey 32' flat tandem trailer; Steco 24' dump tandem trailer; 38' van trailer; spread axle trailer; axles; Hyster D-6 winch; Garwood HD winch; new 2" air hose; 2 wheel trailer; fifth wheel; various size elec motors-tires & wheels; Myers snow plow; natural gas generator; 3 phase compressor & others; JD 24 T baler w/thrower; AC grass mower; Toro 58 riding gang mower; safe; drill press; boxes of new plumbing inventory; valves; steel gates; 12'X12' overhead door & others; corrugated roof material; hyd. pipe cutter; tapping machine; hyd. hardware; various sizes of pipe-steel beams-angles-plates-culvert pipe & steel columns; oil & gas heaters-some suspended; air conditioners; chain link fence; oil tanks; tool boxes; duct work; Zonolite insulation; roller chain; vapor & fluorescent lights; conduit wire & elec boxes; steel-wood & alum doors & windows; steel shelves; blackboard slate; desks; lumber-posts & timbers; nails; screws & fasteners; fire extinguishers; lots more salvage items for demolition.

SOLD FOR MARVIN MILLER
Sale at 10:00 A.M.
Terms: Cash or Pa. check.
Frey Auctioneers
Refreshments on premises.

FARMERSVILLE AUCTION
TUESDAY, DECEMBER 7
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling an Estate out of Rohrerstown + additions. 3 pc. walnut bookcase bedroom suite; Avocado side x side refrigerator; counter top refrigerator; pr. matching room size braided rugs; maple breakfast set w/drop leaf table, 2 chairs, & deacons bench; cedar wardrobe; maple Boston rocker; 9600 BTU Kerosun heater; coal stove; white Philco refrigerator; 2 pc. - den livingroom suite; waterfall bed; double bedding; end tables; coffee table; depression dresser; small drop leaf table w/2 chairs; dishes; small items; etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

Consignments being accepted for our Annual New Years Day Antique Sale.

PUBLIC SALE
OF
LIVESTOCK, DAIRY CATTLE AND FARM EQUIPMENT
FRIDAY, DECEMBER 17, 1982
9:30 A.M.

Located in Fannett Twp., Franklin County, Pa. Take Exit 14 from Penna. Turnpike to Route 75 North, 3 miles north on Route 75. Turn first road right after Fannett-Metal High School, cross bridge, turn right on Creek Road to Sale. 3 mile Southeast of Village of Spring Run, 1 mile Northeast of Village of Willow Hill. Watch for sale arrows.

LIVESTOCK

1 pair of Perchon stallions 8 year old and 4 year old, 1 Registered, well mated, good size and the best of pullers; 2 black Perchon mares in foal bred to Perchon, 1 gray Perchon mare in foal, all well broke and good workers, 3 yr. old Morgan stallion, broke English, Western and to drive, 3 year old Morgan mare, 2 gray weanling fillies, 1 black weanling filly, 1 standardbred weanling colt.

DAIRY CATTLE

13 Holstein Dairy Cows most all bred, several registered, 1 with 23,000 lbs. milk, 1 Jersey cow, Holstein Heifers, Holstein service age bull with Elevation and Kingpin breeding.

FARM EQUIPMENT

New Holland 68 Hayline baler, NI husker shredder, McCornick #7 ensilage cutter, Papec 16' ensilage cutter, McCormick 8' grain binder in good condition, McCormick ground drive corn binder, John Deere #4 7' grass mower, McCormick corn planter with fert. attchment Ontario 9 disc grain drill, (3) side rakes, Oliver 2B 12" plow with raydex bottoms, Oliver 14" plow with raydex bottoms, Oliver 2 way raydex bottom plow, 2 steel wheel wagons, hammermill with traveling feed, Little Giant elevator, 2 riding cultivators, one a John Deere; hay tedder, dump rake, 10' spring harrow, 2 hay tedders for parts, JD #4 mower for parts, litter carrier complete, 20 h.p. diesel, 20 milk cans, 6 and 10 can milk coolers, 3 h.p. Lehigh compressor, good condition; strainers and buckets, old fashioned high wheel dump cart, roll-down tracks, buggy gear, lawn fence and gate, 1 roll 1"x2" fencing and iron posts, hay rope, milk house windows, barb wire, hay pulleys, tractors pulley, water bowls, 1,2,3,4,5, & 6 horse hitches, Britchman harness, collars, bridles, line, many small items too numerous to mention.

Some Household goods including bow front china closet with claw feet, pie safe, etc.
Truck load fresh fruit and seafood.

Sale at 9:30 A.M.

SAM J. STOLTZFUS,
Owner
Willow Hill, Pa. 17271

Fred Harry
Abe Diffenbach, Auctioneers

Lunch Available

AUCTION

THURS. DEC. 9, 1982

11 A.M.

Williamsport, PA

Located 2 mi. south of Williamsport on Rt. 15.

Selling 2 Case backhoes, 1973 Int. dump truck, 1974 Chev. 1 ton dump truck, 2-1 ton w/utility body, 3/4 ton w/utility body, 2 pickups, 2-150 CFM air compressors w/diesel engines, office trailer, van storage trailer, 7 Motorola mobile units, 1 remote base station, 1 telephone desk set, tampers, Wackers, concrete saw, jackhammers, tar buggy, 300 amp. portable welder, air tampers, tack coat pump, 2-100 ton railroad jacks, 6 steel trench plates, Hughes impact tool w/oiler & hose (mounts on backhoe), Plexco fusion tools for joining plastic pipe.

RELATED EQUIP,

Misc. pipe tools, highway signs, elec. drills, elec. hand saws, hand tools, scaffolding, pipe slings, grease pump, Winco generator, office furniture, and misc. items.

Liquidating all equipment. No minimums - No reserves. Write or call for descriptive brochure.

Owners

J.T. KELIHER, INC.

Managed and Sold by:
Dick Crittenden Auction Co.
Mansfield, PA 16933
Tele. 717-662-3131 or 3409

PUBLIC SALE

OF FARM EQUIPMENT

At our place of business located six miles south of Chambersburg, Pa., one mile east of Marion, just of Rte. I-81, go east on Rte. 914 on

THURSDAY, DEC. 16

Sale at 9 A.M.

TRACTORS, TRUCKS, IND. EQUIPT., LAWN EQUIPT.

Tractors inc. John Deere, Int., Fords, Case, Massey Ferguson, Oliver, A.C., and others, some with loaders; Skid loaders; Trucks, Ind. Equipment expected; Lawn and Garden tractors.

FARM EQUIPMENT, ETC.

Balers, haybines, rakes, mowers, pickers, harvesters, elevators, wagons, planters, drills, spreaders, plows, disc harrows, packers, sprayers, rotary mowers, blades, scoops, post diggers, and other equipment. 1974 Singer stock trailer, and other trailers, posts, usual run of tires, hardware and misc. items.

FARMERS AND DEALERS - Bring in your surplus equipment for this sale. Next sale Thursday, January 20, 1983. No equipment with liens attached unless we are contacted. If you plan a sale of livestock or equipment, contact us for dates. Open daily 8 a.m. until 5 p.m., Saturday until 4 p.m. — Closed Sundays.

Terms: Cash or Good Checks — Lunch at Sale

Manager

RALPH W. HORST

Phone: 717-375-2824
Marion, Pa. 17235

Rentzel, Wolgemuth, Speicher, Bohrer, Upperman Harry, Gossert, Auctioneers

SADDLE UP!

To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

SOMETHING TO CROW ABOUT...

SHORT NOTICE AUCTION

NEW TOOLS, FABRIC, BUTTONS, NEW & USED ITEMS

SATURDAY, DEC. 11

10 A.M.

6 miles south of Quarryville, 8 miles north of Oxford, off 472 in Kirkwood at Kirkwood Fabric.

Truck load new tools. 100 socket sets, 35 2 ton come a longs, new air tools, lots more tools.

300 boxes buttons. Rolls of fabric, rolls of elastic. Thread, sewing supplies, many more new and used items, sold in big and small lots.

Sale by

KIRKWOOD FABRIC

Fabric Shop Open
Monday to Friday 8 to 4:30
Saturday 9 to 12

Most Fabric 95 cents Yd.

PUBLIC SALE

"NEW YEAR'S DAY"

JANUARY 1, 1983

10:30 A.M.

FARM EQUIPMENT - STORAGE BINS & TRUCKS

Glendale Farms - Dillsburg, Penna

Located - Take Rt. 74 south from Dillsburg (off Rt. 15) to Rt. 194 south to 1st road on right, only 2 miles from Dillsburg, Pa.

"Watch For Signs"

TRACTORS

Massey Ferguson 1135 Diesel w/ cab & heater - 1200 hrs. Allis Chalmers 185 Diesel w/1700 hrs. Swarts Loader Quick Tach for A.c. 185 & others. Massey Ferguson 7 hp. riding mower. Antique tractor - Gibson w/snow plow & bottom plow, made in Longmont, Colo.

COMBINES

International 1440 Auxiliary Flow Diesel Combine w/1100 hrs. & 15 ft. grain head w/floating cutter bar, heater control. 6 Row Corn Head for Int. Combine narrow row.

TRUCKS - TRAILERS

1980 Chev. C20 Pick-up 24,000 mi. 1974 Mack Truck Tractor Twin Screw & 5 speed Maxidine trans. w/wet line. 1968 Chev. Grain Truck 16' w/hoist, 26000 GVW. 1961 GMC Tool Truck. Wolverine Goose Neck Trailer 40 ft. w/tandem Dual Wheels. 28' Donahue Equip. Trailer. Mobile telephone Unit, complete.

STORAGE BINS & AUGERS

Brock 28,000 Bushel Bin w/False Floor 36' Diameter. Brock 7000 Bushel Bin, False Floor, 27' Diameter. Shiver System 10 hp. Propane fan. 51 ft. Grain Auger 8" w/Transport.

TILLAGE EQUIP.

Int. 710 5 Bottom Plow - 18" or 20" Bottom. 12' Pittsburg Transport Disc. (2) 9 Tooth Soil Master Chisel Plows (pull type). A.C. 2500 Fold Disc. 19' Dunham Cultipacker w/fold up wings. 13' Massey Harris Rotary Hoe. 6 Row A.C. 333 No-Till Planter dry Fertilizer & Insecticide (Narrow Row). (2) Massey Fergusen 43 Grain Drills (1 has double disc openers & press wheels).

MISC.

7' New Idea Trailer mower, C80 Woods Rotary (pull type), 8 ft. Massey Ferguson 3 pt. Blade, J & M Gravity Bin 350 bu. w/Pipen wagon, 2 - 200 gallon tractor mtd. sprayer tanks, 2 - 1500 gallon storage tanks for spraying, PTO sprayer pump, 3 hp. gas motor w/pump, New Holland 800 Spreader tandem axle, 11 hp. Lincoln portable welder & 45 Watt Generator, Portable gas tank (pick-up truck mtd.), hydraulic cylinders, chain, misc. tools, bolts & etc.

AUCTIONEER'S NOTE: Most of this equipment was bought new with in the last 4 years & has been taken very good care of. This equip. is ready to go to the field. Not many small items so sale will start promptly at 10:30 A.M., all items will be sold, no reserved bids. Full settlement sale day. "TITLES" for vehicles will be mailed to buyer with in 1 week of sale.

OWNER:

ALBERT L. GLENN

Glendale Farms
Daytime: 717-545-6400
Evening: 717-432-2630

AUCTIONEER: Blaine N. Rentzel
Emigsville, Pa.
Daytime: 717-764-6412
Evening: 717-266-1671

AUCTION

BOX MANUFACTURING EQPT., WOOD WORKING MACHINERY, LUMBER, BUILDING MATERIAL

SAT., DEC. 11, 1982

At 9:00 A.M.

For: I.F. March Sons Co. 4th & Mill Streets, Bridgeport, Pa.

Off street parking. 90% sale indoors. Inspection Dec. 8-9-10 9 to 3. Call 272-0425.

Mershon resaw 54" wheel 5" face 3" blade guide rolls 12" spread to 8" countershaft, Morgan nailing machine #16 open back pattern 16 channel side frame pattern 38" X 3" Platen parts only, Morgan nailing machine #18 open back 18 channel side frame 46" X 3" Platen parts only - American post drill 7" throat, Smith relisher 4" head 1 cut notcher 3' push table, Lutner swing saw 16" blade, 35' pine table, 1-20', 5 stop index gauge 1 strap clamp, Morgan nailing #8 - 8 channel solid back table rise 50" Platen face 25", Doig nailing 7 channel 22" Platen face, operating, circular saw 32" X 44" top 12" blade rip fence w. bevel gauge, B.M. Root gang saw, Cleats 1 gang saw 12" auto. feed roll 5" face, 33" X 54" table, American resaw 31" throat #1 - 5" cap feed rolls, top, power bottom idles, lever top release 2- ¾" wheel face, 46" X 44" counter shaft, American swing saw, 20" cap. pins table 16', knife grinder 1½" face X 18" knife holder 32' face, dadoing table single spindle horizontal 27" X 44" slide table & meter 33" X 27", box machine pts., 2 - Beach box makers saw top 5¼' X 42 guide rails, 1 top 4' X 5' lift, Hutchinson cross cut & rip saw, 2 - 24" blowers, 2" X 3" X 12, open windows & storm sash, glazed window units, old window bucks, door frames, 6' X 12' truck body, misc. lumber, recessed what not shelves, Carriage saw parts, box shooks, terra cotta & cast iron pipe, 4" drain fittings, lg. wooden pulleys, sawdust baler, shafting w. pulleys, 7 tons soft coal, rip saw blades, Baldwin Trittle- & Bolton band saw sharpener, dip tank 9' X 11½' X 60", tables, desks, 16' & 18' work benches, band saw & planer blades, storm sash glazed, oak partner's desk, assorted nails, screws, bolts, 2 lg. safes as is, oak shelving, Schoemacker Baby Grand piano as is, lot scrap iron, Case tractor w. front end loader, approx. 15 motors 3 phase from 1 H.P. to 40 H.P.

Note: Machinery is Belt driven w. Babbitt Bearings.

Only a partial listing.

Cond. - Cash. Out of state check w. current bank letter of credit, proper I.D. & sales tax #.

Auctioneers:
Henry K. Freed & Sons
215-822-0723

Lunch

ABSOLUTE AUCTION

SATURDAY, DECEMBER 11, 1982

At 11:00 AM

For Mr. and Mrs. Finch of Church Hill, Md. (moving to Retirement Home) Sale to be held at the ODESSA FIRE HALL, ODESSA, Del. (U.S. 13, 22 mi. south of Wilmington, Del.

Antiques & fine furnishings to include Phila. walnut High Chest, Balto. Heppelwhite Chest of Drawers with Bookcase top C. 1975, kidney shaped Mahogany Pier Table, Phila. Mahogany side Chair w/peanut carving. Sheraton Banquet Table, Heppelwhite period swell front mahogany Bureau C. 1795, Chippendale period Walnut High Chest, Walnut Corner Cupboard w/solid panel doors, Heppelwhite swell front inlaid Chest, Balto. Mahogany Heppelwhite Secretary C. 1800, Tilt top Mahogany Table with bird cage, several early Chippendale mirrors...Collection of Canton, (approx. 50 pieces), Nanking, Satsumi, Gaudy, Welsh, Lowestoft, English bone china, some crystal, pattern glass...Sterling Silver by Tiffany, Kirk, Caldwell. Georgian tea set (handmade-100 year old) glass oil lamps, toby jugs, English bracket clock, ginger jars (K'ang HSI Dynasty 1662-1722)...10 Antique Oriental rugs, room size, runners & throws. Brass & Pewter Candle Sticks, Antique Tea Caddy boxes, Balto. framed prints. Chinese pictures painted on silk, pair of very early Portraits-oil on canvas possibly 16th Century. English protrait of Bridget Birdie by Sire Godfrey Neller C. 1790. Many other important items that must be seen to be appreciated.

Inspection Saturday morning only, starting at 9 a.m. Admission by $5 catalog only. Catalogs available either by mail or at door.

Terms cash, certified checks, guaranteed funds such as personal checks with bank letter of credit.

HARRY RUDNICK & SONS, INC., Auctioneers
of Galena, Md. 21635
Phone: (301) 648-5601
Del. Phone: (302) 764-3347
SALE AT ODESSA FIRE HALL, ODESSA, DEL.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT. DEC. 11 - 11 A.M Public Sale of Antiques and Furnishings. Located at the Odessa Fire Hall Odeassa, DE, U.S. 13, 22 mi. south of Wilmington DE. Mr. and Mrs. Finch Owners. Harry Rudnick and Sons, Inc., Auctioneers.

SAT DEC. 11 - 11 A.M Public Sale of Cattle Located from Frederick take Rt. 15 north to Rt. 26 and turn left on Rt. 194, approx. 1 mi north of Keymar and approx 3½ mi. south of Taneytown, Carroll Co., MD

SAT DEC. 11 - 9 A.M Public Sale of Box Manufacturing Equipment, Wood Working Machinery, Lumber and Building Material Located 4th and Mill Sts., Bridgeport, PA. I F March Sons Co., Owner. Henry K. Freed and Sons, Auctioneers

SAT. DEC. 11 - 11 A.M. Public Sale of Tractors, Farm Machinery, Trucks and Irrigation Equipment Located 1 mi. east of Goldsboro, MD on Road 287, first black top on left which is Jackson Lane Rd., 2nd farm on right Chris Lee, Owner. H.N Barrett, Jr., A.B. and C.L Carroll, Auctioneers

SAT. DEC 11 - 9:30 A.M Public Sale of Cattle and Machinery. Located on the Telephone Road, 2 mi west of Cincinnatus and 18 mi. east of Cortland, take Rt. 41 to Telephone Rd. Jack and Gene Wood, Owners. Jack Wood's Livestock and Auction Service and Bob Lathrop's Auction Service.

SAT. DEC. 11 - 10.30 A.M. Public Sale of Trucks and Food Service Equipment. Located at 3964 Rt. 3, West Chester Pike, Newton Square, Del. Co., PA opposite Boot Rd. and Richards Buick, 4 mi. east of Rt. 352 and 1 mi. west of 252. Sandy's Lunch and Truck Catering Service, Owner. George H. Wilson and Son, Auctioneers

SAT. DEC. 11 - 10 A.M. Public Sale of New Tools, Fabric, Buttons and New and Used Items. Located 6 mi. south of Quarryville, 8 mi. north of Oxford, off 472 in Kirkwood at Kirkwood Fabric.

TUES. DEC. 14 - Public Sale of Vehicles, Equipment and Dems Salvage Items. Located along Stonetown Rd., just off Rt. 422, 1¾ mi. west of Baumstown, Rt. 82 or 4½ mi. east of Reading, Exeter Twp., Berks Co. Marvin Miller, Owner. Frey Auctioneers

AUCTION

FOR SERVATRON INC. KNOWN AS SANDY'S LUNCH & TRUCK CATERING SERVICE

On location

SATURDAY DEC. 11

10:30 A.M.

At 3964 Route 3 West Chester Pike Newtown Square, Del. Co., Pa. Opposite Boot Rd & Richard's Buick. 4 mile east of Route 352 & 1 mile west of 252.

Complete liquidation of all trucks & food service equipt. Incl. two 1979 C-20 & C30 Chev's w/stainless steel bodies w/coffee urns refrigeration & ovens, side & rear lift doors. Two 1972 & 1976 Chev. custom 20's, w/same equipt. 1973 Chevy for parts, 12 & 18 cu. ft. chest freezers, three upright Taylor & Howard stainless dbl. dr. commercial refrig's. Hobart Mod 1718 manual & automatic slicer as new cond. Two 5' stainless work tables, large stainless triple deep work sink, lot of stainless cookware, 42" Keystone gas grille w/hood & blower. A1 - 10 burner dbl. oven commercial gas range. sandwich table, Scotsman ice machine needs repairs, 4 slice toasters, fans, flatdesk, 3 file cabinets, metal shelving etc.

Terms - Cash - Cashiers or Travelers Cks. Personal Cks from regular customers only

Inspect. Morn of sale.

Geo. H. Wilson & Son, Auctioneers
Box 181 Chester Heights, PA 19017
(215) 459-3194

SALES COMING UP

SAT. DEC. 18

Household Goods, Antiques and Farm Machinery, ½ mile west of Parkesburg, Clarence and Laura Varnes.

SAT. FEB. 12

Farm Machinery, 23 Head Holsteins, Household Goods, Antiques, Ear Corn & Silage, 2 miles East of Gap, James & Elizabeth F. Stoltzfoos.

THURS. FEB. 17

50 Head Hi Grade Holsteins and Farm Machinery, Catawissa, Columbia County, Amos Lapp.

SAT. FEB. 19

Farm Machinery, 4000 JD Diesel, 30 Head Holstein Heifers, ½ mile East of Honey Brook, Amos K. and Lydia Blank.

TUES. FEB. 22

70 Head High Production Holsteins Herd, Full Line Farm Machinery, 2 miles East of Strasburg, Jonas E. Fisher.

THURS. FEB. 24

Farm Machinery and Household Antiques, 2 miles east of Intercourse, Emanuel Zook.

SAT. FEB. 26

Farm Machinery, mostly new since 1978, 3 Ford Tractors, 7700 diesel, 1202 orig. hrs., 2 miles West of Honey Brook, Robert Campbell.

SAT. MARCH 19

65 Head, mostly Registered Holstein Herd, over 16,000 rolling herd average and Farm Machinery, ½ mile South of Cains, Irvin Eberly.

For Complete Auction Service
call or write:

Steve Petersheim
Box 152, Bart, PA 17503
717-786-4624

The following farm machinery is being offered as a sealed bid auction by the piece or as entirety. To be submitted by

DEC. 15, 1982

1950 Ford tractor, running; Oliver 77 tractor, not running; Oliver 60 tractor, not running; Oliver 3 bottom plow; John Deere corn planter, two row, needs work; Flat wagon, 12 ft. on rubber; Flat wagon, 14 ft. on rubber; spring tooth harrow; New Idea tow sickle mower; cultivators for Oliver tractors; hay dryer; roller.

HATFIELD GALLERY AUCTION
368-6646
P.O. Box 152
Hatfield, PA 19440

PUBLIC SALE

REAL ESTATE & PERSONAL PROPERTY, TRACTORS, IMPLEMENTS, CARS & ANTIQUES

SATURDAY DEC. 4

9:00 A.M.
REAL ESTATE
1:00 P.M.
MRS. EMMA C. MILLER
18 S. Camp St. Windsor, Pa.
(Windsor Boro - Windsor Twp.)

LOCATED: West Main St., turn at Rutters Farm Store, go south to 18 S. Camp St.

REAL ESTATE (FARM)

Approximately 17 acres w/2 springs, 900 ft. road frontage w/14 acres tillable & 3 acres woodland. 8 room asbestos house, 3 rooms on 1st floor, 3 rooms & bath on 2nd floor, 2 rooms in basement, frame barn w/metal roof, 2 car block garage w/basement, summer house with spring, plus other out buildings. Bath is connected to Windsor sewer.

CARS & PERSONAL PROPERTY

1950 2 door Chev., 36,000 miles. 1952 Chev. 2 door Sedan.

8 N Ford tractor w/hr. meter, 3 pt. 2 bottom plow, Farmall Cub with Cult. 1 horse wagon w/Hay carriage, 2 sec. Spring Harrow, 8 hoe Grain Drill, dump rake, David Bradley garden tractor w/plow, cultivator, snow blade, single row planter, 1 bottom trailer plow, Chore Master garden tractor, old feed grinder, stillard scales, Maytag engine on wheels, 1 hole corn sheller w/Maytag engine, 510 McCullough chain saw, axes, splitting wedges, grain fan, straw cutter, rotary mowers, 5 hp. Huffy riding mower, Moto mow riding mower, old buggy, pull type mower, carpenter & hand tools, Sabre saw, table saw, forge, bench vise, post drill, post hole saw, C clamps, wrenches, hammers, saws, bolts, nails, screws, heatrola, parlor stove, iron wheels, rolls wier 5 ft., fence posts, single trees, 36' ext. ladder, log chains, block & fall, some lumber, hay fork, water pump, chicken crate, wheelbarrows, forks, shovels, garden tools, cement mixer, coal, iron pile, lunch bucket, old dresser, butter churn, cherry seeder, grills, wine barrels, wooden tub, large & small crocks, bushel tub, ice box, coffee grinder, bench wood box, 2 dry sinks, leaf table w/drawer, lanterns, mixing bowls, coal & gas kitchen range, 2 mantle clocks, slaw cutter, rockers, copper wash boilers, coal bucket, set 4 Oak chairs, sq. Oak table, Victrolla, kitchen cabinet, small sq. tables, player piano, old radio, picture frames, wall cabinet, smoking stand, gasoline stove, baskets, clothes tree, 12 gauge single barrel, 22 rifle, 22 cat rifle, set 4 cane Chairs, cane rocker, oak bedroom suite, high chair, P.O.S.A. sword, wash bowl & pitcher set, Boston rocker, brass bed, towel rack, blanket chest w/bottom drawers, 2 blanket chests, umbrella stand, old organ & stool, slant top desk, bedroom suite, dining room suite, living room suite, refrigerator, freezer, sewing machine, garden sprayers, porch rockers, chase lounge, fishing rods, rugs, linens, dishes, pots, pans, lots too numerous to mention.

TERMS: CASH OR GOOD CHECK

Conditions of Real Estate: 10% down day of sale.

P.O.A.: Mrs. Anna Sechrist
Atty.: Garber & Garber
40 S. Duke St., York PA

Auctioneers:
Chas. W.R. Arvin 755-0674
Blaine N. Rentzel 764-6412

Not Responsible for Accidents
Day of Sale
Refreshments Rights Reserved

COMPLETE CATTLE & MACHINERY DISPERSAL

WOOD JAC - VUE FARMS
JACK and GENE WOOD

Telephone Road
Cincinnatus, N.Y.

SATURDAY, DEC. 11

9:30 A.M. Sharp

Gene Wood having entered into another business, we have decided to discontinue the farming operation located on the Telephone Road 2 miles West of Cincinnatus and 18 miles East of Cortland, take Route 41 to Telephone Road, Watch for auction arrows.

185 REG & HI-GRADE CATTLE 185

This dairy consists of 85 milch cows, 60 heifers running w/bull from Sept. 1982 until sale time, balance are from started calves to yearlings. The dairy is in the following lcatation, (25) fresh Oct. & Nov., (13) due Dec. (8) due Jan. thru Mar., (9) due Apr., (8) due May, (4) due June, (8) due July and (10) due Aug. This is a very good, well balanced year round dairy. Some of the Reg. cattle are as follow. Paclamar Astronaut, Chapel Bank Apache, Franlane Black Knight, Jupiter, Reidson Allstar, Centurion, Challenge, Cavalier, Elate, Ransom-Rail Pacemaker, BB Bicken, (1) Reg Ayrshire, Toll Gate Choice Jack also selling her heifer calf by Melody Lane Highlight-born Aug. 15, 1982, Plus other Reg. calves & heifers not listed. Featured cattle in this sale are as follows:

1. Song-Meadow Knight Elsa - classified VG and made 3-3 in 293 days 16,099 m 557 F
2. Silver-Shade Astro Kathy by Paclamer Astronaut, projected to 16,249 lbs. of milk
3. Clan-Driscoll Lisa Cavalier - 2 yr. old daughter of Ca-Lill Standout Cavalier
4. Chestnut-Land Astro Cheryl - 2 yr. old by Bis-May Astro Jupiter
5. Raeburn President Sandi - 4 yr. old by Rockdale President - classified GP
6. Elmlodge Carol Yukon - by Ingleholm Yukon - also GP
7. Thorndale Bernie Apache - a 2nd calf heifer (fresh) daughter of Chapel Bank Apache
8. Lot #25 (grade) that made 22,995 m 714 F in 336 days last year plus others over 20,000 milk in 305 days.
9. Also selling a Reg. Service Bull born 7-4-81 from a dam that has been contracted 4 times by Eastern. The bull is a son of Glendell Arlinda Chief. The Sire of his Dam is Aleb Peb Pat.

More records available by sale date. All cattle has had shipping fever shots, plus vet examined for pregnancy, plus blood & TB tested ready for interstate shipment day of sale, Vet will be at the sale writting interstate charts day of sale. The heifers in this sale are well grown heifers with the size & quality to suit the most critical buyer. You'll like what you see.

MACHINERY

White Field-Boss #2-105 Diesel tractor w/full cab, AM & FM radio only 550 hrs. (mint condition), White Field-Boss #2-105 Diesel tractor w/canopy and AM & FM radio only 1100 hrs. (perfect condition), Int. #986 Diesel tractor w/full air cab & AM & FM radio (excellent condition), Farmall Super(M) Gas tractor all completely overhauled this fall excellent rubber all a round, Farmall (M) for parts.

SPECIAL: JD #450 Diesel Crawler w/Blade (excellent condition)

Heavy Duty Tandem Wheel Transport Trailer, Int. #2350 Mount-O-Matic Hydr bucket Loader, Int. #720 - 4 btm. automatic reset plow w/hydr side hill hitch, Int. 4 section harrow, Int. #456 - 4 row corn planter (plate), Int. #550 spreader w/hydr tail gate (new in the spring of 1982), Int. #550 spreader w/hydr tail gate (all reconditioned), Int. 1964 Pick up Truck w/4 wheel drive & hydr snow blade (body needs some work everything else works good), MF Shank Plow, Oliver #283 transport harrow, JD transport Disc, JD #FB-B-15 hole grain drill, JD #34 PTO spreader, Fahr Centepede Tedder, NH #56 rake w/rubber mount teeth, NH #273 baler w/kicker, NH #67 baler w/kicker, NH #38 Flail Chopper, NH #717 Chopper w/(new) pick up head, NI #218 PTO spreader, Gehl #940 - 3 beater w/roof on Gehl Heavy Duty running gear w/air flotation tires extra large size tires (brand new in 82), Gehl #940 - 3 beater w/roof on Gehl heavy Duty tandem wheel running gear (new in 1981 in excellent condition), Kasten self unloading Box on NH running gear, Gehl #1080 haybine (new in 1982), Gehl Hi-Thro Blower, Clover Hopper blower, AC Hopper blower, (4) Kicker racks on good running gears, (2) Lamco feeder wagons on good running gears, NI 32' hay & grain elevator, W.J. Hawley hay & grain elevator, AC (A) Gleaner self propelled combine, KilBros. Gravity Flo box on running gear, Owatonna Skelton elevator, LeRoy roller, Bed-Rite sheder (brand New), Win Power 25,000 watts, PTO Portable Generator, (4) sets double ring tractor chains (1 set is new), metal feed cart, (10) reels of 4 pt. barb wire, (2) farm trailers, wheel barrow, air compressor, hydr cylinder, and more misc items not listed.

MILKING EQUIPMENT

(3) DeLaval sterling 50 lb. pail floor type milker, (2) DeLaval magnetic milkers 50 lb. pail, plus spare parts, (25) new style magnetic stall cocks, used water buckets, dumping station w/new plastic hose.

SALES MANAGERS NOTE:

by Bob Lathrop. This is an excellent opportunity to buy top cows from a good year round dairy. Several cattle milking between 70 and 90 lbs. per day. The Machinery in this sale alot is new in 1982 and 1981 all in the best of condition. This sale is one of the cleanest sales in 1982. Make plans to attend. Inspection welcome anytime starts milking at 4:30 each end of day. Sale order - small items selling first, machinery and cattle.

TERMS: Strictly cash or Good Checks day of Sale I.D. Required
Lunch Available

Owners

JACK & GENE WOOD

Jack Wood's Livestock & Auction Service
Co Managed with Bob Lathrop's Auction Service
Auctioneers: Bob Lathrop, Arlo Kiehl, John Weidman & Willie Boles
Phone: Bob Lathrop - 607-844-4111
or Jack Wood - 607-863-4141

PUBLIC AUCTION

VALUABLE HUNTINGDON COUNTY REAL ESTATE

254 Acres Prime Woodland

SATURDAY, DECEMBER 11

At 2:00 P.M.

Ideal hunting property or cabin site only 9 miles north of Raystown Lake. 254 acres undisturbed woodland consisting of variety of hardwoods, hemlocks, and Mountain Laurel (Prime Hunting Camp Property).

For complete illustrated brochure, details and terms, call or write Auctioneers at (717) 733-1006. Comments day of auction shall have priority over printed information.

Terms By

HESS BROS. FARMS INC.

PROFIT SHARING TRUST FUND

Auction Conducted By

Randal Kline - Lloyd Kreider, Auctioneer

Roy Good Jr., App. Auct.

KLINE & KREIDER AUCTIONEERS

R.D. 1, Stevens, PA 17578

Carroll's Sales Co., Inc.

PUBLIC AUCTION

OF VALUABLE TRACTORS, FARM MACHINERY, TRUCKS, & IRRIGATION EQUIP.

Located 1 mile east of Goldsboro, Md. on Road 287, first black top on left which is Jackson Lane Road, second farm on right.

SATURDAY, DECEMBER 11

Starting at 11 A.M. Sharp

TRACTORS

4630 JD w/dual wheels, cab, air, radio (2369 hrs.); 4430 John Deere w/dual wheels, cab, air, radio, new tires (2642 Hrs.); 4020 JD; 3020 JD - gas (3181 hrs.); 2030 JD - Diesel; 40 JD - Standard, 3 point hitch; 530 Case tractor w/backhoe & loader - gas; HD - 11 - GC Allis Chalmers on tracks w/front loader; Link belt ¾ yard drag line w/clam shell & dragline bucket.

COMBINES

7700 JD turbo, Hydrostatic 18' grain table (2056 hrs.); 6600 JD 16' grain table (1313 hrs.) 4 row corn head JD #444, will sell separately

FARM MACHINERY

5 Bottom roll over plows w/16" NU bottoms - JD, 4 bottom roll over plows w/16" NU bottoms - JD, 8 row JD corn planter #7000 w/fertilizer attachments, insecticide att, no till att., electric monitor system; 8300 JD grain drill 12' (like new), 12' JD disc, 12' Oliver disc, 12' Case disc, 16' JD chisel plow w/buster bar, 2 sets JD 4 row cultivators, 1 set Lilliston 4 row rolling cultivator, 21' rotary hoe #400, 12' Brillion cultipacker, 14' Chattanooga finishing harrow, John Blue sprayer - 500 gal. alum. tank w/300 pump, Gandy fertilizer spreader 12', Stoltzfus lime spreader w/chain boom, 2 Lely fert. spreader 3 point hitch, Meyers air blast sprayer w/6 cylinder Chrysler motor; 7 hp. single phase electric hyd. pump w/50 gal. tank, 7' JD mower #9, 3 point H, 3 point hitch spring tooth 12', 12 springer tooth, 7' JD rotary mower, AC baler #303, Brillion crimper, pull type grader, NI manure spreader, Oliver manure spreader, MF side delivery rake, 3 point hitch gutter plow, set dolly wheels, 3 point hitch trash rake, 3 point hitch sub-soiler.

TRUCKS

28' Alum. Dump trailer on 30' alum. frame, IHC - 1964 Model 200 tractor, IHC - 1966 truck w/18' steel dump body, 1949 Ford truck w/dump, IHC truck w/dump.

IRRIGATION EQUIPMENT

Irrigation Motor w/Hale pump, 1200 gal. per. min. Runs on propane, 1,000 ft. 8" pipe, 3,400 ft. 7" pipe, 5,000 ft. 6" pipe, 24 gun stands w/3" gate valve, 7-guns high volume; misc. couplings, end plugs, etc.

AUCTIONEERS NOTE: Most all this equipment in A-1 shape. Not many small items, so don't be late.

Terms: Cash day of sale Lunch will be served

Owner

CHRIS LEE

Goldsboro, Md

301-482-6005

Carroll's Sales Co., Inc.

Auctioneers

H.N. Barrett, Jr.

A.B. Carroll

C.L. Carroll

Phone 284-4541 or 284-4911

Not responsible for accidents

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

WED. DEC. 15 - 6:30 P.M Public Sale of Wood, Coal and Kerosene Burning Stoves and Furnaces. Located along Rt. 322 between Guthrieville and Rt. 82, directly opposite pond, West Brandywine Twp., Chester Co. PA Brandywine Energy, Inc., Owners T Glenn and Timothy G Horst, Auctioneers

WED. DEC 15 - 10 A.M. Public Sale of Kitchen Cabinets, Plumbing Supplies, Lumber, Plywood, Roofing, Nails, Rugs, Carpet, Oil Paintings, Molding, Artificial Brick and Trucks. Located at Millhurst Mills, Millhurst, NJ. William F. Comly and Son, Inc, Auctioneers

THURS. DEC. 16 - Public Sale of Farm Equipment Located at Horst's Machinery Lot, Marion, PA 17235 Ralph W Horst, Auctioneer

SAT. DEC 18 - Public Sale of Household Goods, Antiques and Farm Machinery Located ½ mi. west of Parkesburg. Clarence and Laura Varnes, Owner. Steve Petersheim, Auctioneer

SAT. DEC 18 - 10 A M Public Sale of Real Estate, Farm Equipment, Butcher and Other Tools and Household Goods. Located just off Stricklerstown Rd, approx. ½ mi. off Rt 897 between Kleinfeltersville and Newmanstown, Middle Creek Twp, Lebanon Co., PA. William L. and Shirley A Smith, Owners. T Glenn and Timothy G Horst, Auctioneers

SAT DEC 18 - 9.30 A M Public Sale of Antiques and Personal Property and Etc Located from Longstown Intersection take Rt. 124 East towards East Propsect, approx 2-3 miles on Rt. beside Locust Grove Elementary School Lloyd W Fauth, Owner. Bradley K Smith, Auctioneer.

MON DEC. 27 - 9.30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc.

Good's Auction

111 North Maple Ave.

Leola, PA

Hay, Straw and Corn Sales

Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS

111 North Maple Ave., Leola

717-656-9558

2 DAY PUBLIC AUCTION

VALUABLE ANTIQUES AND HOUSEHOLD GOODS

FRIDAY, DECEMBER 10, AND FRIDAY, DECEMBER 17, 1982

10:00 A.M.

Located along Rt. 372, midway between Quarryville and the Buck. Or 13 miles South of Lancaster off Rt. 272 at the Buck, turn East on Rt. 372 about 2½ miles.

DECEMBER 10, SALE—Brass Bed; Round Oak Table with 2 Boards; Hall Rack; Sm. Drop Leaf Table; Milton Piano & Bench; Organ Stool; Piano Rolls; Sheet Music; Victrola & Record Albums; Comb. Bookcase & Desk; Sm. Square Tables; Record Cabinet; Oak Chairs; Old Rocker; Platform Rocker; Floor Model Radio; 2 Treadle Sewing Machines; Comb. Coal & Wood Stove; and Philco Refrigerator; Frigidaire Refrigerator; West. Elec. Stove; Vibrator Chair, like new; Sofa; Uph. Chairs; Sofa Bed; Old Picture Frames; Wooden Comb Box; Old Magazines; large Dietz Street Light; Wooden Measures; Wooden Buckets; 2 Wooden Butter Churns; Butter Print; Lap Rober; Flat Irons; Crocks; Agateware; Lanterns; Glass Top Jars; Carnival; 2 Moose Head Creamers, Peanut Butter Glasses; Dishes; Old Tin Cans; Tin Toys; Old Tin Cigar Display Case; Wooden Egg Crates; Pitcher Pump; Old Dixie Cup Dispenser. Many items too numerous to mention.

DECEMBER 17, SALE—Blanket Chest; Round Oak Table with Claw Feet & Boards; Jelly Cupboard; Drop Leaf Table; Washstands; 5 Walnut Polar Chairs; Plank & Cane Chairs; Old Dovetailed Desk; Childs Rocker; Infant Bed; Walnut Rocker; Gooseneck Rocker; Clothes Tree; Floor & Table Lamps; 3 pc. Waterfalls Bedroom Suite; 4 Dressers; 2 Rollaway Beds; 2 Metal Wardrobes; Old Baskets; Mirrors; Wall Phone; Old Post Cards; Session Wall Clock; Oak Shelf Clock; Steeple Clock; Oil Lamps; 4 Oil Stoves; Butchering Furnace; Butchering Ladles; 2 Iron Kettles, 1 three legs; Drop Handle Milk Cans; 2 Corn Dryers; Potato Grater; Old Bottles; Meat Grinder; Dovetailed Copper Kettle; Copper Tea Kettle; Grindstone; Wheelbarrow; Berry Boxes & Crates; Wheat Cradle; Hay Knife; Wooden Barrels; Wooden Cigar Molds; Cast Iron Pot Belly Stove; Sm. Gas Stove. Many more items too numerous to mention.

AUCTIONEER'S NOTE: Don't miss this sale. Antiques galor. One of the better sales in the Southern End of Lancaster Co. Both sales start at 10:00 A.M. Sharp. Not Responsible for Accidents Day of Sale. No Out of State Checks. Refreshments Available.

Sale By

JOHN W. LEWIS, JR.

Auctioneers Conducting Sales

Lloyd H. Kreider, Randal V. Kline

Gary L. Shirk

KREIDER & KLINE AUCTIONEERS

Phone 717-786-3394

GAP AUCTION

FRIDAY EVE., DEC. 10

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

JANUARY

SAT. JAN 1 - 9:00 A M Farmersville, Auction in Farmersville, New Year's Day Antique Sale, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer

SAT JAN. 1 - 10.30 A M Public Sale of Farm Equipment. Located at R D 1, Mohrsville, Centre Twp, Berks Co Aden K. and Anna Mary Oberholtzer, Owners Horning Farm Agency, Inc., Auctioneers

SAT JAN 1 - 10.30 A M Public Sale of Farm Equipment, Storage Bins and Trucks Located taking Rt 74 south from Dillsburg off Rt. 15 to Rt 194 south to 1st road on right, only 2 mi. from Dillsburg, Pa Albert L Glenn, Owner, Blaine N Rentzel, Auctioneer

Stoltzfus'

Complete Farm Auction

At: Rock Stream, N Y, Yates Co.; 8 miles North of Watkins Glen, N.Y., 6 miles Southeast of Dundee, N.Y., 30 miles South of Geneva, N.Y. (2 miles West of Route 14).

FRIDAY, DEC. 10, 1982

AT 10 O'CLOCK

108 HEAD GRADE HOLSTEIN DAIRY CATTLE SELL 108

(HOME RAISED)

Sired by A.I. Atlantic & Eastern Sires

51 young milking age animals with a lot of dairy character, consisting of many fresh cows and close springers, balance various stages of lactation Individual records to 24,843 milk in 338 days. R H A. 9/29/82 15,199M, 535F. 9 Bred heifers due sale date to Feb 1, 1983; Bred animals in calf to A I Eastern Sires; (Corrective Breeding Program used); 20 Open heifers (breeding age), 28 Started heifer calves 2 weeks to 1 yr. old

Catalogues Interstate Tested Pregnancy Checked

MACHINERY and EQUIPMENT

2 TRACTORS. J D. 4030 diesel with Rice tires, J D. 1520 diesel, J D. 10-ft. disc with transport wheels, J.D 54 self-propelled combine (12 ft cut), J D. 24T baler with thrower, J D. chuck wagon, N I 325 2-row corn picker with 326 husker, N I speed wheel rake (5 wheel), White 4-bottom plows (16-in bottoms) with spring reset and hyd. control, Fox self-propelled Super D chopper with 471 Detroit diesel engine (135 hp) equipped with 3-row narrow corn head, 5-ft. pick up head, hopper for HMC; Hesston PT 10 haybine, M F. 17-hoe disc grain drill, Kewanee cultimulcher, Int 6 row corn planter, N I. 214 single beater spreader, N H 26 Super blower, 3 self-unloading wagons — Fox, Kasten, Lamco; 3 wagon chassis with throw boxes, hyd dump box on dual chassis, Weaver Line electric feed cart with charger, feed cart, HD table saw with pto shaft, 3 pth cultivator, Kongs Kilde 3 pth drag, J D subsoiler, ACC H D. pump for field sprayer, 1972 Dodge 300 custom truck with stake body, baler twine, prehung doors, wagon bed, mineral feeders, round metal rack, tractor chains, 3 hp bulk tank compressor, 5 hyd. cylinders, 3 pth cement mixer, 3 pth tool bar, iron wheel wagon chassis, 36-in. barn fan with motor, 4-in. grain auger 16-ft. long with motor, ss wash vats, quantity lumber, dehorners, hoof trimmers, beam grapple and many other items not listed sell at this auction.

SHOP EQUIPMENT

Lincoln 225 welder, acetylene outfit complete, shop vise, chain hoist, hyd jack, display boxes with large quantity bolts, washers, nuts; quantity welding metal, miscellaneous shop equipment

ANTIQUES

Antique chairs, 5-gal water fountain, oak reclining chair with tiger feet, cream separator parts and other items

HORSES & HORSE EQUIPMENT

Standard Bred gelding, well broke; Standard Bred mare, green broke; Quarter horse mare, born June 1982; Quarter horse mare, born July 1981; training cart with hyd brake on VW front axle, 1 single driving harness, like new.

TERMS: CASH OR APPROVED CHECK

STEPHEN M. STOLTZFUS

STEVIE L. STOLTZFUS, Owners

D. O. Rockwell & Associates, Sale Managers

Troy, Pa. Phone 717-297-3460

Lunch Available by Chrystal Valley Mennonite Church

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

FRI JAN. 7 - 5.30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. JAN. 7 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc , 12 Miles East of Lancaster, Pa just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. JAN 14 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. JAN. 28 - 1:30 P.M Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, PA

FRI. JAN 28 - 5:30 P.M. Gap Auction Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. FEB. 11 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. FEB. 12 - Public Sale of Farm Machinery, 23 Head Holsteins, Household Goods, Antiques, Ear Corn and Silage. Located 2 mi. east of Gap. James and Elizabeth F. Stoltzfoos, Owners. Steve Petersheim, Auctioneer

THURS. FEB. 17 - Public Sale of Holsteins and Farm Machinery. Located in Catawissa, Columbia Co. Amos Lapp, Owner. Steve Petersheim, Auctioneer

SAT. FEB. 19 - 10 A.M. Tack, 11 A.M. Horses. Consignment of all kinds of horses. Located at the Belleville Livestock Market. Special Horse Sale.

SAT. FEB. 19 - Public Sale of Farm Machinery and Cattle. Located ½ mi. east of Honey Brook. Amos K. and Lydia B. Blank, Owners. Steve Petersheim, Auctioneer

MON. FEB. 21 - Public Sale of Farm Equipment and Tools. Located at R D. 1163 Bethel, Pa. Dan[illegible] and Doris E. Martin, Owners. John E. and Paul E. Martin, Auctioneers

TUES. FEB. 22 - Public Sale of Cattle and Farm Machinery. Located 2 mi. east of Strasburg. Jonas E. Fisher, Owner. Steve Petersheim, Auctioneer.

THURS. FEB. 24 - Public Sale of Farm Machinery and Household Antiques. Located 2 mi. east of Intercourse. Emanuel Zook, Owner. Steve Petersheim, Auctioneer.

AUCTION SALE

KITCHEN CABINETS, PLUMBING SUPPLIES, LUMBER, PLYWOOD, ROOFING, NAILS, RUGS, CARPET, OIL PAINTINGS, MOLDING, ARTIFICIAL BRICK, 3 TRUCKS

WED., DEC. 15, 1982

10 A.M.

On Premises, Millhurst Mills, Millhurst, N.J.

Wholesale inventory approximately $463,000 Salvage stock showing little or no comprising in part.

KITCHEN CABINETS, OIL PAINTINGS, ORIENTAL RUGS

250 Wood Wall, Base, Sink, Utility & Oven Kitchen Cabinets by Tri-Pak in Original Carton, Raised Panel, Oak, Etc. 12 Oak & Formica Vanities, Range Hoods, 1,080 Ctns. Hardwood Legs & Leg Braces 6" to 28" by Gerber in Original Ctns., 1,500 S.Y. Broadloom Carpet & Rug Padding, 890 S.Y. 6' & 12' Vinyl Flooring, 10,000 S.F. Imported Wool Tretford Carpet Tiles, 160 Bamboo Rolls & Shades, 20 Throw Rugs, & Oriental Type Rugs, $28,000. Art Gallery Inventory - 40 Oil Paintings, Decorative Frames to 36" X 48".

STEEL DOORS, IMPORTED GIFTWARE, PLUMBING SUPPLIES

18 Insulated steel entrance doors, 40 - 6 panel W.P. Colonial entrance doors, 140 Louver Doors, 310 H.C. Doors, 1,800 Prs. Int. & Ext. W.P. Door Jambs, 12 Comb. "Bully" Insulated Storm Doors, Imported English Giftware & Tool Inventory ($28,000.00 Value) - Prints, Pictures, Antique Bobin Timers, Dolls, Puppets, Tools, Etc. 15 Hart Fireplace Screens, 240 Tubes Silicone Adhesive, Sponges, 500 Caulking Guns, Wood Shutters, Stereos, Receivers, Speakers, TV Sets, Office Furn.-Desks, Chairs, File Cabinets, 21 Kohler DeLuxe Plumbing Fixtures, Tubs, Toilets, Sinks Etc. 2 FORKLIFTS, 2 - 20' VANS, 14' STAKE BODY TRUCK — 2 Pettibone 4,000 lb. Solid Tire Propane Forklifts, 1 - 20' GMC Van, 1 - 20' Int'l. Van, 1 - 14' Stake Body Truck w/cover.

LUMBER, PLYWOOD, SIDING, INSULATION

78,000 B.F. 2 X 4 to 12 & 3 X 4 to 10 Dimensional Lumber, 20,800 B.F. Pressure Treated 2 X 4 to 12 & 1 X 8 Square Edge Decking, 38,800 B.F. Channel Rustic & Bevel Cedar, Pine & Redwood Siding, 7,000 B.F. 1 X 6 & 8T & G White Pine, Hardwood & Cedar, 18,000 S.F. 5/8 T-111 Siding, 29,800 S.F. ¼" to ¾" Ext. Plywood & Underlayment, 6,000 S.F. Fire Treated ¾" T & G Plywood, 6,000 S.F. ½" Durasan Prefin, Sheetrock, 28,000 S.F. Masonite, Particle Board & Insulation Board 1/8" to 5/8", 30,300 S.F. 4 X 8 Wood Paneling ¼" to 7/16" 51,000 L.F. Corner Bead & Metal Mldg., 880 Pcs. 27" X 96" Metal Plasters Lathe, 38,400 B.F. Urethane Roof Insulation 1½" to 3½".

ARTIFICIAL BRICK, MOLDINGS, ROOFING, NAILS

1,500,000 L.F. Pine & Vinyl Prefin. & Unfin. Moldings - Casing, Base, Crown, Cove, Etc., 2,008 Cs. Artificial Brick, 51 Asst. Single & Dble. Window Units, Quant. Window Sash & Frame Parts, 580 Rolls Nylon Twine, 340 - 2 X 4 Lite Fixtures, 25,500 White & Walnut Cross Tees, Main Runners & Wall Angles by Armsrtong, 450 Ctns. Ceiling Tile, 10,500 lbs. Nails - Galv., Alum. Prefin. Panel, Sheetrock, Common, Finish Etc., 250 Rolls 19" S.E. 90# & Smooth Roofing, 680 Bdles. Roofing Shingles White & Color, 28,000 L.F. 7/16 & ½ Steel Cable.

INSPECTION: TUESDAY, DECEMBER 14 - 9 A.M. TO 4 P.M.
TERMS: CASH OR CERTIFIED CHECK - 25% DEPOSIT REQUIRED.

Wm. F. COMLY & SON INC
Auctioneers
1825 E. BOSTON AVE., PHILA., PA. (215) 634-2600

TO THE GOLDEN HARVEST SALE - THURSDAY, DEC. 9

Guernsey Sales Pavilion, Lanc. Pa.

JEMINI BRED HEIFER

From an 85-4y Standout Job Daughter 1021 index 3-01 385 27,410 3-7 1001. Due in Feb. to Bell

REBEL ELEVATON BRED HEIFER

From an 87-9y Dam life time 133,000 lb. next 154,000 8-03 354 24,450 4-1 1011. Due in Feb. to Valiant

ARLINDA COMMANDER BRED HEIFER

From an 85-6y Elevation Daughter 1287 index 4-10 340 24,317 3-5 860 7-00 305 24,751 3-9 965 Projected. Due in Feb. to Valiant.

ROUND OAK ELEVATION BRED HEIFER

From an 84-3y 3-01 304 20180 3-4 686. Due in Feb. to Valiant.

Consigned by
Pat Wood Drumore, Pa.

PUBLIC SALE

SAT. DEC. 18

10:30 A.M.

FARM MACHINERY, HOUSEHOLD GOODS, ANTIQUES, LUMBER, TOY TRAINS, 1923 MODEL T FORD ENGINE

Located in Chester Co., PA, 5 miles East of Gap, ½ mile West of Parkesburg on Strasburg Rd.

HOUSEHOLD GOODS & ANTIQUES

10 piece dining room suite, Columbian Palace range cook stove with pipe shelf, very nice min. size, dry sink, Maytag ringer washer, twin tubs, wooden casing pitcher pump, cabinet and table, pitcher and bowl set, jelly cupboard, cushion chairs, leather chair, apple peeler, oak light stand, utility cabinet, **solid wood bureau** with wooden drawer pulls, **cherry bureau** unusual top drawer dove tail wooden wardrobe, wash stand, old dresser, Singer sewing machine with cabinet, very nice, 4 matching chairs, metal wardrobe, magazine rack, wicker hamper, pressure cooker, old egg scales, **old iron light with glass and brass shade**, old milk bottles, few dishes - 2-5 gal. water jugs, crocks, metal porch recliner, 2 old radios, rocker, cane chair, library table, old piano roll cabinet old wooden pencil box, **Enterprise coffee mill.**

Model T engine in running condition, chasis needs work

OLD TOY TRAINS

2 Union Pacific locomotives No. 2023 Sunoco tank car, Lionel cattle car, Lehigh Valley coal car, Metal RR crossing, cast iron locomotives, 3 cast iron cars, 1 coal car, **cast iron cap pistol.**

FARM MACHINERY & BUTCHER TOOLS

3 pt. 2 disc plow, NI No. 17 ground drive manure spreader, Oliver 13 disc grain drill, Int. 2 row corn planter, IH 4 bar rake, Int. No. 9 mower 7 ft. bar, approx. 24 bale meadow hay, 2 row 3 pt. cultivators, 3 section spring tooth harrow, 3 pt. post hole digger, chicken coops, 3 bundles wood shingles, paint sprayer, meat hooks, sausage stuffers, iron kettle, hardware for round the corner door, Old Schwinn bike, chicken coops iron troughs, windows PA NO. 8 - 2 hole corn sheller drums, forks, brooms, etc.

LUMBER

200 board ft. cherry wood furniture grade heavy timber 2 - 4x8 19 ft. long, 20 pieces 3x8 - 18 ft. 6x6 fir 16 Ft. 2 - 10 ft. 100 pieces 2x4 - 7 ft. lenght 2x10 and 2x6s 30 pieces 3x4 - 16 ft. long, 8 pieces 6x6 - 6 ft. long.

LAWN FERTILIZER SPREADER

Owners,
CLARENCE & LAURA VARNES

Auctioneer, Steve Petersheim
786-4624
593-2442

Lunch on Premises

Time Changed

HOLSTEIN DAIRY CATTLE DAY SALE

TUESDAY, DECEMBER 7

1:00 P.M.

To be held at Smoketown Quality Dairy Sales Co., Rt. 340. 5 miles E. of Lancaster. 5 miles W. of Intercourse.

One load of Registered and Grade cows and Heifers out of New England States and Canada consigned by Johnny Jr. Fresh cows milking from 70 to 90 lbs.

4 Grade Heifers all out of Sire Power Bulls, all calfhood vaccinated. One born 3/9/82, three born 5/9/82. Sires include - 3 Creek Bluff J S Noah's and one New Hope Elevation with daughters averaging 20,170M 712F. JS Noah's Dam was an Ivanhoe Jack with daughters averaging 17,554M 650F.

Reg. - Born - 1-1-79 - Lime - Hollow Famous Ned. V.G. - 87 - 5 yr. +263M. +28F. Daughs. Avg. 16,430M 3.7T 611F,

Dam - +74M +20F.
3 yr.-2m. 305dys. 9,660M.4.0t 389F.
4 yr. 1m. 278dys. 11,630m. 4.3t. 505F.
5 yr. 1m. 305dys. 16,020m. 4.1t. 655f.

Granddam - +191m. +22F.
305d. 13,760m. 4.0t 547F.
305d. 18,290m. 3.7t. 670F.
305d. 18,050m. 3.6t. 656F.

Reg. Born - 6-1-77 Arlinda Elm - G.P. 80
2 yr. 4 m. 305 dys. 13,695M, 3.8T 521F.
3 yr. 5 m. 279 dys. 14,002M, 4.0T 555F.
4 yr. 4 m. 305 dys. 16,788M, 4.0T 669F.
349 dys. 17,900M, 4.0T 723F.

Reg. Born - 9-14-79 Penn-Dell Apollo King Arthur - Vacc.
+815 M. +53F. Daughs. Avg. 17,197M. 3.7T 651F.

Reg. Born - 7-13-78 - Headline Telstar Sky King 3 yrs. 305 dys. 16,291M, 477F.

Two Fancy grades out of herd dispersal

1 grade heifer fresh - DAM - 305 dys., 16,056M, 3.6T, 541F Sired by Le-Del Ideal Superior V.G. 88 +1439M. +28F. Daughs. Avg. 17,367 M. 3.5T 612F.

1 grade heifer - fresh - DAM - 305 D. 16,654M 890F. 5.3T Sired by Penmar Apollo Topper Ex 91. +350M +30F. Daughs. Avg. 16,673M. 3.8T. 638F.

Six I.D. Grades - Canadian's springing or fresh. Sires include
Shorelea Citation
A-Swampes Hollow Chief
Brooknoll Rockman Citation
Weavers Citation Apple
Keen Dale Lodge Star Chief
Oak Ridge Specalator

One Registered Bull sired by Yules Pride Elevation Ace. Dam-Glendell Wassle VG 87. Cow Index 1197. These are 2, 3 and 4 year old records-
303 dys. 15,012M, 3.9T, 589F
365 dys. 16,260M, 4.0T, 652F
4 yrs. 8 mos. project. 17,200M 4.0T 670F

Wassle's maternal sister Winnie VG 88, 26,000M 3.9T 1009F.

2nd Dam- Apollo Wendy Ex 92 2E 2 to 10 yrs. old records from 15,680M with 4.2T 666F up to 24,220M 834F. Lifetime to date 148,000M. 3rd Dam Ex92 2E Paramount Sherry 5 yrs. 10 mos. 16,690M 4.5T 745F. 4th Dam- VG 89

Reg. Bull - Born - 5-14-81 - Char-Sam Elevation Pabst +1744M +32F. Daughs. Avg. 18,319M 633F 4 yrs. 305 dys. 17,476M 3.6T 628F - 5 yr. S.A. 365 dys. 18,201M 3.6T 657F

SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930

Refreshments for the Dairymen
Heated Sale Barn

Carl Diller - Paul Snyder, Auctioneers
Henry Kettering - Pedigrees

Time Changed

MEL KOLB, INC.

CHRISTMAS SALE

FRIDAY, DECEMBER 10

At 11:00 A.M.

Location: West of Lancaster on Dairy Road. Take Route 283 west of Lancaster, exit just beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to Mill, and then sharp right under railroad bridge. Barn is within sight of Route 283.

200 HEAD OF FANCY HOLSTEINS

FREE TURKEY FOR EVERYONE THAT BUYS A COW!!!

1 trailer load from Wisconsin; 1 trailer load from Maine; 1 trailer load from NY; 1 trailer load from NH; 1 trailer load from western & upstate PA; and 1 trailer load from Vermont.

There will be 75 Purebreds of the finest quality, several classified with DHIA Records. They were selected from the most outstanding herds we could find. Some of these cows are milking up to 100 lbs. per day. There will be 100 head of big fancy grade cows, just fresh, milking 80 to 90 lbs. Also, 25 fancy grade springers and 25 big fresh Purebred first calf heifers.

SPECIAL MENTIONS

A good big fancy 1st calf heifer CFI QUALITY PINOAK dau. +1384-12 +32 41%, a son of ELEVATION, springing to GROFFDALE SKOKIE IS IKE, a son of IVANHOE STAR, her dam VG-86 R MAPLE dau. as 5-7 362d 19555M 4.5 881F, next dam VG-85 5 yr. 7-4 323D 15602M 3.9 614F, next dam VG-86, 4-3 348d 18430M 3.6 662F. A 2 yr. old O-C-S DAIRY CHIEF PIECE ROC- ET dau., fresh with heifer calf by her side by CARLIN M IVANHOE BELL PDM 1889 76% 1/82 PD% - .04 PDF +62, her dam GP-83 BOOTMAKER dau. 3-5 365d 21400M 3.8 804F, next dam 5-5 365d 26560M 3.9 1038F. A LEADFIELD PRESTAR dau. (Red & White) born 1/17/82 (EX & St 81 Res. All Am. Bull Calf 1976) from GP dam. next dam GP as 5y 16302M 565F, 4 lacts avg: M132- F125% of BCA, a fancy red & white yearling heifer. A VG P-A- LONGVIEW BIG APPLE, 20620M 742F, bred to GLENDEL: a ROSEMERE FURY IVAN dau. 15680M 643F; a fancy Red & White 3 yr. old AGRO ACRES MARQUIS NED dau., dam GP 16328M 592F; 5 fancy A NELACRES JOHANNA SENATOR daus., 1 VG 15840M 578F and the other 4 real top cows; a HARRISBURG GAY IDEAL dau.; a VIGO CHARMCROSS dau.; a LAWCREST MARVEX dau.; a MOOKOWN OPTIMIST dau.; a PACLAMAR ASTRONAUT dau.; a ROUND OAK RAG APPLE ELEVATION dau.; a ROYBROOK STARLITE dau.; a WHOLESOME PERSEUS LEADER dau.; a QUALITY ULTIMATE dau.; a WILLOW FARM ROCKMAN IVANHOE dau.; and many more real toppers not mentioned in this ad!

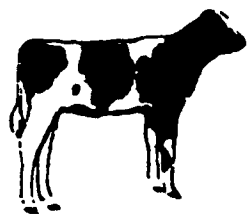
ATTENTION: LANCASTER COUNTY AMISH – If you need transportation to this Sale, please call 569-2106 or 569-6800 no later than Thursday evening, Dec. 9th.

Please set aside this date and come to see our great selection of fine cattle. This is a special time of the year, and the Kolb Organization would like to thank everyone for their friendship and patronage during this past year.

COME EARLY ** ENJOY FREE LUNCH ** BUY A COW ** RECEIVE A FREE TURKEY
Please Note Change of Date: FRIDAY, DECEMBER 10th, 1982 at 11:00 a.m.

MELVIN KOLB, Sale Manager
ROBERT C. MULLENDORE, Auctioneer
HENRY KETTERING, Pedigrees
MARVIN ESHLEMAN, Clerk

PA FARM: Dennis Kolb, Manager
(717) 569-2106 or 569-6800
MD FARM: Thomas Miller, Manager
(301) 898-7720



FREE LUNCH FOR ALL DAIRY FARMERS

DOOR PRIZE: PUREBRED HEIFER CALF to a Registered Buyer.
Must be present to win.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI. FEB. 25 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa., For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. FEB. 26 - Public Sale of Farm Equipment and Household Goods. Located along Bridgeville Rd., east of Goodville. Aaron and Mary Shirk, Owners. Nevin Martin and Paul Hurst, Auctioneers.

SAT. FEB. 26 - Public Sale of Farm Machinery. Located 2 mi. west of Honey Brook. Robert Campbell, Owner. Steve Petersheim, Auctioneer.

MARCH

FRI. MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. MARCH 4 - 9 A.M. Consignment of all kinds of machinery. Located at the Belleville Livestock Market. Annual Spring Machinery Sale.

SAT. MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale.

FRI. MAR. 11 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. MARCH 12 - Public Sale of Farm Equipment, Located at 61 Clay Rd., Lititz, PA. Clarence W. Weaver, Owner. John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 12 - Public Sale of Farm Equipment. Located near Lees crossroad, 6 mi. east of Shippensburg. Charles Strohn, Owner. Nevin Martin and Melvin Sensenig, Auctioneers.

SAT. MAR. 12 - Public Sale of Farm Equipment located between Mt. Joy and Mastersonville along Meadow Road (1 mile SW of Mastersonville) near Chiques Church of the Brethren. Sale by Guy Stauffer. Rufus K. Geib and Raymond Miller, Auctioneers.

SAT. MARCH 19 - Public Sale of Full Line of Farm Equipment located along Route 501 Midway between Lititz and Lancaster Airport known as the Buckwalter Farm. Sale by John Fisher, Rufus K. Geib and Raymond Miller, Auctioneers.

SAT. MARCH 19 - Public Sale of Cattle and Farm Machinery. Located ½ mi. south of Cains. Irvin Eberly, Owner. Steve Petersheim, Auctioneer

APRIL

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

APRIL 15 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. APR. 23 - 17th Colonial Charolais Spring Sale. Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Managed by Buzz Garey, Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

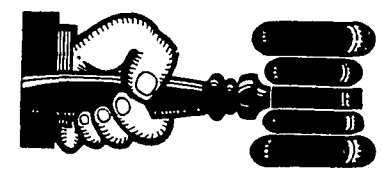
FRI. APRIL 29 - 6 P.M. Special Heifer Sale. Located at the Belleville Livestock Market.

MAY

MAY 6 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016



AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

C.H. WOLGEMUTH
RD #2, MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL
717-665-5664

AUCTIONEERS
JOHN E. MARTIN
Ephrata, Penna.
717-733-3511
AND
PAUL E. MARTIN
Stevens, Penna
717-733-3305
Professional Auction Service

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• ANTIQUES - FURNISHINGS
• LIVESTOCK - MACHINERY
• MAILING LIST AVAILABLE
We are now listing Fall Sales.

PURINA®
BIO-4®
FEEDING PROGRAM

A program of feeding pullets and layers precisely the amount of nutrients they need to grow and produce eggs efficiently. Now such precision is possible with the Bio-4 rations. Five levels of feed fortification for five intake levels are provided in the series of rations. Bio-4 ration options allow even greater flexibility to meet specific needs in your particular operation. Also, from Bio-4 concentrates, complete Bio-4 rations can be mixed.

The Bio-4® Feeding Program:
- ★ Promotes optimum performance
- ★ Eliminates expensive nutrient wastage
- ★ Improves feed efficiency
- ★ Permits egg size control
- ★ Provides flexibility to changing conditions
- ★ Compliments benefits of other Purina programs

For more details about the Purina Bio-4 Feeding Program, ask your Purina Salesman or Dealer, or request Purina Bio-4 Feeding Program (P1702) from Purina. If you have specific nutrient needs in your operation, ask about the Bio-4 options. If you have milling facilities available, ask about the Bio-4 Concentrates from which any complete Bio-4 ration can be mixed.

PROOF THAT IT PAYS TO FEED PURINA

No One Offers More...

Strain	Shaver 288A
Number of Pullets Housed	64,960
Mortality	9%
Date Pullets Capitalized	20 Weeks
Date Out	October 19, 1982
Average Hen-Day Production (%)	74.6
Dozens of Eggs per Hen	21.9
Pounds of Feed per Dozen Eggs	3.47
Pounds of Feed per 100 Hens	21.5

The following Purina programs were used during this flock's laying cycle:
- Bio-Mittent™ Lighting Program
- Nutri-Cycle® System of Feeding Poultry
- Winter Ventilation
- Limi-Fed™ Program

BESSMILLS
PHONE 717-442 4183
717 768-3301
PARADISE, PA 17562

HIGH BROS.
PHONE 717-354-0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717-867 5161
FONTANA, PA 17042

KEYSTONE MILLS
John B. Kurtz
PHONE 717-354-4616 717 738 1088
RD3 EPHRATA PA 17522

W. L. MUMMERT CO.
PHONE 717-637-6923
6 PINE ST.
HANOVER, PA 17331

THE PURINA PROGRAM
Good Breeding | Sound Management
Careful Sanitation | Good Feeding
FOR GOOD PRODUCTION

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464 3386
WEST WILLOW, PA 17583

SOUTHERN DIVISION
West Willow Farmers Assoc., Inc
PHONE 717-529-2113
RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

M. G. HENNINGER & SON, INC.
PHONE: 717-362-3333
BERRYSBURG, PA 17005

J. P. ANIMAL SUPPLY
PHONE: 301-658-5795
2497 TOME HWY.
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559